



REMEDIAL INVESTIGATION REPORT ALTERNATIVES ANALYSIS AND REMEDIAL ACTION WORK PLAN

Western New York Workforce Training Center (C915310)
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1.0 INTRODUCTION

LiRo Engineers, Inc. (LiRo) was retained by Buffalo Urban Development Corporation (BUDC) to complete a Remedial Investigation (RI) and Alternatives Analysis (AA) under the guidelines of the New York State Department of Environmental Conservation's (NYSDEC) Brownfield Program at the Western New York Workforce Training Center (herein referred to as the "Site"), located at 683 Northland Avenue in Buffalo, New York (Figure 1-1). The property is currently owned by 683 Northland, LLC. The RIAA is being performed under a Brownfield Cleanup Agreement (BCA) between 683 Northland, LLC and the NYSDEC. The BCA requires 683 Northland, LLC to investigate and remediate, as appropriate, potential areas of environmental concern associated with the Site. LiRo is also preparing a Remedial Action Work Plan (RAWP) for site remediation, which is being submitted in attachment to this RIAA Report.

The initial scope of work for the RI is described in the Remedial Investigation Work Plan (RIWP) (LiRo, December 2016). Field activities began in February 2017. Based on review of the preliminary RI analytical results, the scope of the investigation was expanded as described in the Work Plans for Additional Site Area Investigation and Subsurface PCB Delineation (LiRo, May 2017 and July 2017). The results of these investigations are detailed in this RI report and form the basis for the AA.

1.1 Purpose

The purpose of the RI was to characterize Site conditions, determine the nature and extent of environmental contamination, perform a qualitative risk assessment and provide data sufficient to develop an approach for Site remediation. The information reported in the RI report forms the basis of the AA. The purpose of the AA is to screen remedial technologies, assemble the technologies into remedial alternatives, evaluate the remedial alternatives against evaluation criteria, and propose a recommended remedial alternative that addresses impacts to human health and the environment following the requirements found in NYSDEC Division of Environmental Remediation (DER)-10, Technical Guidance for Site Investigation and Remediation (NYSDEC, May 2010). The RIAA was conducted to support redevelopment of the Site as the Western New York Workforce Training Center as well as for other commercial/light industrial uses.

1.2 Report Organization

This report presents the findings of the RI activities and is organized as follows:

- i. Section 1.0 – Introduction: The introduction presents an overview of the project to date.
- ii. Section 2.0 – Site Description and History: Descriptions of the Site location, physical condition, current and historic use, and results of previous investigations are presented in Section 2.0.



- iii. Section 3.0 – Prior Environmental Investigations: Prior environmental investigations are presented in Section 3.0.
- iv. Section 4.0 – Remedial Investigation: A summary of the work conducted during the RI activities is presented in Section 4.0.
- v. Section 5.0 – Geology and Hydrogeology: The characterization of Site geology and hydrogeology is presented in Section 5.0.
- vi. Section 6.0 – Analytical Results: The analytical data collected during the RI are presented and discussed in Section 6.0.
- vii. Section 7.0 – Qualitative Human Health Exposure Assessment: A qualitative assessment of the potential for exposure of humans at and in the vicinity of the Site to Site-related contaminants is presented in Section 7.0.
- viii. Section 8.0 – Fish and Wildlife Impact Analysis: The results of a Fish and Wildlife Impact Analysis are presented in Section 8.0.
- ix. Section 9.0 – Remedial Investigation Conclusions: A summary of the conclusions of the investigation is presented in Section 9.0.
- x. Section 10.0 – Alternatives Analysis: A summary of Site data, remedial action objectives, and other design elements that will be used in the remedial alternative process to develop a proposed recommended remedial alternative for Site remediation are found in Section 10.0.
- xi. Section 11.0 – Analysis of Alternative Technologies: The development of general response actions (GAOs) and screening of technologies for use at the Site are found in Section 11.0.
- xii. Section 12.0 – Development of Remedial Alternatives: The assembly of the technologies from Section 11.0 into remedial alternatives for the Site are reported in Section 12.0.
- xiii. Section 13.0 – Detailed Analysis of Alternatives: The alternatives developed in Section 12.0 are subjected to detailed evaluation following screening criteria. The evaluations are found in Section 13.0.
- xiv. Section 14.0 – Recommended Remedial Alternative: The alternative that best meets all the selection criteria is presented as the recommended remedy is presented in Section 14.0.
- xv. Section 15.0 - Proposed Remedial Action Work Plan: The proposed work plan for the alternative that best meets all the selection criteria is presented in Section 15.0.
- xvi. Section 16.0 – References: A list of reference material used in the preparation of this report is found in Section 16.0.



2.0 SITE DESCRIPTION AND HISTORY

The 683 Northland Avenue property is an approximately 8.69 acre parcel of land zoned for manufacturing. Buildings constructed between 1911 and 1983 comprise approximately 235,000 square feet (sf) or 5.4 acres (62%) of the Site. The buildings are now vacant and were most recently used for miscellaneous storage. The former Niagara Machine and Tool Co. industrial complex is located on the south side of Northland Avenue between Chelsea Place and Longview Avenue. The building complex is comprised of a four-story office area on the north side along Northland Avenue, a series of ten connecting manufacturing spaces, and a detached one-story shed located on the west side of the facility.

The building complex was developed from numerous building expansions between 1911 through 1983 (Figure 1-2). Niagara Machine and Tool primarily manufactured tools and machines for working with sheet metal, specializing in presses, punches, and rotary sheets at the Site. Operations at the plant included welding, steel fabricating, forging, and machining.

Despite being erected over several decades, building foundations, floor slabs, support columns, exterior walls, and roof framing systems throughout the various structures remain intact.

2.1 Physical Setting

The Site is located in an urban setting with parking areas along Northland Avenue, north of the Site, and commercial/industrial properties along Northland Avenue, east and west of the Site. The Site is bordered to the south by the CSX Railroad line commonly referred to as the “Belt Line”.

2.2 Topography and Surface Water Drainage

According to the United States Geological Survey (USGS) Topographic Map, Buffalo Northeast (NE) (1965), the Site lies at approximately 645 feet above Mean Sea Level (MSL). The topography is generally flat across the Site (Figure 1-1). Regionally, the ground surface slopes towards the northwest.



3.0 PRIOR ENVIRONMENTAL INVESTIGATIONS

In support of the redevelopment project, Fisher Associates (Fisher) performed a Phase I Environmental Site Assessment (Fischer, January 2015) for the Site, a Phase II Site Assessment (Fischer, September 2015), and a Supplemental Site Assessment (Fisher, January 2016). The findings of these assessments are summarized below.

3.1 2015 Phase I Environmental Assessment

Fisher completed the Phase I ESA in 2015 and identified numerous recognized environmental conditions (RECs) and environmental conditions that are of concern at 683 Northland Avenue including: oil-impacted wooden block floors; presence of aboveground and underground storage tanks (ASTs/USTs); numerous drums stored on-site; hydraulic lifts; potentially impacted pits and sumps; debris piles; transformers/electrical switch gear; lead-based paint (LBP); asbestos; and, mold.

The Phase I report also noted that there was an on-site rail spur, transformers, and electrical switch gear. Suspect LBP, asbestos-containing materials (ACM), and mold were identified throughout the buildings. The Environmental Data Resources, Inc. (EDR) report summarized by Fisher identified the following USTs/ASTs as being registered by the owner of 683 Northland Avenue; however, the ownership was common to 631 Northland Avenue at the time the tanks were registered. The registered tanks include nine USTs and three ASTs including: three 23,380-gallon #6 fuel oil, two temporarily out of service, one in service; one 10,000-gallon “other” closed in 1991; two 1,000-gallon gasoline closed/removed; one 1,000-gallon diesel closed/removed; and, two 1,800-gallon “other” converted to non-regulated use.

The Phase I report indicated that a 2005 Phase II Investigation completed by Leader Professional Services, Inc. (Leader) identified exceedances of applicable NYSDEC recommended soil cleanup objectives (presumably Technical and Administrative Guidance Memorandum (TAGM) 4046 criteria) were detected in subsurface samples and pit water samples.

Based on the Phase I findings, Fisher conducted a Phase II assessment that included subsurface soil sampling and an extensive pit sampling program at 683 Northland Avenue.

3.2 2015 Phase II Environmental Site Assessments

Fisher conducted sampling for their initial Phase II Environmental Assessment in 2015. The Phase II prepared by Fisher included results from several other buildings that were in the project study area (corridor). Data and Figures showing the sample locations discussed below were provided in the RIWP submitted by LiRo.

Soil Sampling

Fisher advanced a total of 15 soil borings at 683 Northland Avenue with 11 borings in building interior areas and four in the exterior area west of the buildings. All borings were screened for



potential contamination and Fisher collected soil samples for chemical analysis from exterior borings SB009 and SB019 as well as interior borings ASB5 and ASB8. Fisher submitted soil samples for analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), Resource Conservation and Recovery Act (RCRA) Metals, and polychlorinated biphenyls (PCBs).

No VOCs were detected in the soil samples at concentrations above NYSDEC Part 375 Commercial Soil Cleanup Objectives (CSCOs). Exceedances of CSCOs were reported in the exterior borings for PCB (Aroclor 1254), metals (arsenic and barium), and SVOCs (benzo(a)pyrene). Exceedances of CSCOs were reported in the interior borings for metals (arsenic, cadmium, lead, and mercury) at ASB8 and for SVOCs (benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene) at ASB5.

Based on the initial results, Fisher conducted supplemental sampling at 683 Northland Avenue in November 2015 and prepared a Supplemental Phase II Environmental Assessment report. The supplemental investigation included six additional interior borings each of which was sampled for VOCs, SVOCs, PCBs, and RCRA metals. Exceedances of CSCOs were identified for PCB (Aroclor 1254) at location ASB12.

Environmental Waste Sampling – Pits and Floors

Fisher collected pit liquid samples from AP1, AP2, AP3-L, AP3-S, AP4-L, AP5-L, AP6-L, AP7-L, AP8-L, AP9-L, AP10-L, AP11-L, AP-13L, AP-14L, AP15-L, AP16-S, AP17-L, AP18-L, and AP-19-L. The liquid samples were analyzed for VOCs, SVOCs, RCRA metals, Pesticides, and PCBs. VOCs detected in these liquid samples included 4-Methyl-2-pentanone, Acetone, m,p-Xylene, 1,4-Dichlorobenzene, Ethylbenzene, o-Xylene, and Tetrachloroethene. SVOCs were detected in AP6-L, AP8-L, AP11-L, and AP13-L. RCRA Metals were detected in AP2-L, AP4-L, AP5-L, AP6-L, AP7-L, AP8-L, AP9-L, AP10-L, AP11-L, AP13-L, AP14-L, AP15-L, AP17-L, AP18-L, AP19-L, ASB-L, AS2-L, and AWLTF. PCBs were detected in AS2-L, AP3-L, and AP9-L.

The supplemental investigation consisted primarily of waste characterization for pit solids including RCRA hazardous waste characteristic testing and Toxicity Characteristic Leaching Procedure (TCLP) testing. Pit solids were reported to be non-hazardous. Limited testing of pit liquids was also conducted.

3.3 Pre-design PCB Testing to Support Building Cleaning

As noted previously, the Site is to be redeveloped into a Workforce Training Center. In support of the intended re-use, LiRo began to develop comprehensive building cleaning and asbestos abatement plans. Disposal of the wood flooring that is present within the manufacturing areas of the facility was a concern and therefore, LiRo conducted additional wood block testing as a pre-design investigation. The wood block flooring is limited to the manufacturing portion of the building, but is present in nearly all manufacturing areas. The wood block flooring is installed over a concrete subfloor.



During the course of the wood block testing, LiRo identified elevated PCB concentrations in the wood block in the north-central area of the building. Based on that finding, LiRo also conducted concrete testing of the underlying concrete subfloor and subsurface soil sampling immediately below the concrete subfloor. The concrete was tested using chip samples from the top of the concrete (to a depth of approximately one inch). The results of the wood block testing, concrete testing, and sub-slab soil sampling were detailed in the Interim Remedial Measure (IRM) Work Plan submitted by LiRo (May 2017) and are summarized in Figure 3-1 of this report. Based on the testing results, wood block and the concrete subfloor surface contain PCB concentrations in excess of 50 parts per million (ppm). The sub-slab soil samples reported PCB concentrations that were all less than 1 ppm.

There is no electrical equipment in the impacted portion of the Site and the contamination is likely a result of nearly 100 years of industrial use rather than a single release incident. Based on these findings, floor removal and cleanup is being conducted (under the IRM referenced above) in accordance with the United States Environmental Protection Agency (USEPA) Toxic Substances Control Act (TSCA).



4.0 REMEDIAL INVESTIGATION

The scope of the RI was initially developed based on the findings of the previous investigations and formalized in the NYSDEC reviewed RIWP (LiRo, December 2016). LiRo implemented the plan in February 2017. After review of February 2017 analytical data, LiRo found gaps in the information required to fully characterize the Site. A Supplemental RIWP (LiRo, May 2017) to fill the gaps was reviewed by NYSDEC and the supplemental plan implemented by LiRo in June 2017. The primary objective of this RI and supplemental RI was to gather the data necessary to complete the characterization of chemical presence in soil, groundwater, and other potentially affected media in order to identify and evaluate necessary and appropriate remedial alternatives.

4.1 Applicable Regulatory Standards

The current regulatory standards applicable to evaluating and characterizing the soil and groundwater quality at the Site are:

- i. 6 NYCRR Part 375 Environmental Remediation Programs Restricted Use Soil Cleanup Objectives for Protection of Public Health – Commercial Use for the evaluation of on-Site soils.
- ii. 40 CFR 761.61(a)(4) USEPA PCB remediation waste, self-implementing on-site cleanup and disposal of PCB remediation waste, cleanup levels.
- iii. Water Quality Standards for Toxic and Other Deleterious Substances, 6 NYCRR, Part 703.5 for the evaluation of bedrock groundwater.
- iv. Technical and Operational Guidance Standards (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values dated October 22, 1993 (reissued June 1998).

The current criteria for evaluating soil vapor are the decision matrices (May 2017) contained in the New York State Department of Health's (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York dated October 2006.

Collectively, these are referred to as Standards and Guidance Values (SGVs) for the project.

4.2 Scope of Work

A RIWP was prepared and submitted for NYSDEC review and acceptance (LiRo, January 2016). Field activities for the initial phase of the RIWP were completed between February and April 2017. A review of analytical data identified data gaps required for characterization of the Site. A Supplemental RIWP was prepared and submitted for review and acceptance by NYSDEC (LiRo, May 2017). The supplemental field investigation was performed in June 2017. In addition, LiRo completed PCB-impacted soil delineation sampling in August 2017 at the request of NYSDEC



and in support of IRM #2 at the Site planned for utilities installation in the western parking lot area of the Site.

Investigation activities included soil boring advancement, collection of subsurface soil samples, collection of surface soil samples, monitoring well installation, collection of groundwater samples, and collection of sub-slab and subsurface soil vapor samples.

4.2.1 Soil Boring Advancement and Subsurface Soil Sampling

During Site investigations, 41 soil borings and six monitoring well borings were installed and sampled at various locations across the Site to better define the nature and extent of soil contamination based on the previous investigations. The locations of the soil borings and monitoring wells were biased toward contaminant sources or to areas to delineate the extent of contamination where historical samples exceeded the CSCOs. The soil boring and monitoring well locations are shown on Figure 4-1.

Sampling depths and analytical parameters were specific to the location of the soil borings and monitoring wells. Table 4-1 presents a soil sample collection summary, which identifies the boring/well location, depth of sample collection, photoionization detector (PID) readings, analyses performed, and whether there were associated Quality Assurance/Quality Control (QA/QC) samples.

Soil samples from soil boring locations were collected using 4-foot long, 2-inch diameter Macro Core stainless steel samplers equipped with polyvinyl chloride (PVC) liners. Soil samples from monitoring well boring locations were collected using 2-foot long, 2-inch diameter split-spoons. Soil from each boring was classified and examined for visual evidence (i.e., staining, discoloration) and any olfactory indications (i.e., odors) of contamination. Continuous soil samples were collected from each of the borings at 2-foot or 4-foot intervals. Soil boring logs are presented in Appendix A.

Upon sample retrieval, the soils were examined for visual evidence (i.e., staining, discoloration) and any olfactory indications (i.e., odors) of contamination. In addition, a PID was used to screen the soil for VOC vapors. Where PID or visual/olfactory evidence of contamination was observed while drilling, the affected sample was collected for VOC analysis. The composite samples were biased toward zones where fill material and/or any field evidence of contamination was observed.

4.2.2 Bedrock Monitoring Well Installation and Groundwater Sampling

Six bedrock monitoring wells were installed as part of the investigation. One monitoring well was installed in the northeast portion of the property (up-gradient), two monitoring wells were installed within the building, and three monitoring wells were installed in the southwest portion of the Site (presumed down-gradient). Groundwater was not encountered in the unconsolidated overburden materials. The locations of the monitoring wells are shown on Figure 4-1.



Monitoring Well Construction

Bedrock monitoring wells were installed across the first water bearing zone identified in the bedrock during coring and were constructed according to the following procedure:

- 6-1/4 inch inside diameter (ID) hollow stem augers (HSA) were advanced to the top of competent bedrock;
- A 6-inch diameter rock socket was drilled 1-foot into bedrock using a tri-cone roller bit;
- A 4-inch diameter steel casing was installed to the bottom of the rock socket and grout was injected to the bottom of the casing using a tremie pipe;
- The augers were removed from the boring and grout was added to the annular space between the casing and borehole wall;
- The grout was allowed to cure for a minimum of 24 hours before any additional work was performed;
- The bedrock interval of the well was cored using an HQ size (nominal 4-inch diameter) wireline coring system.
- Coring was continued to a minimum of 3 feet below an identified water bearing interval;
- A 2-inch diameter #20 slot PVC well screen and riser piper were then installed to the bottom of the borehole;
- Graded #2 sand was installed around the well screen to a minimum depth of 3 feet above the screen and a minimum 2-foot bentonite seal was installed above the sand; and,
- Wells were completed with at-grade protective casings and concrete pads.

During bedrock coring, recirculation water was lost at each of the monitoring well locations (LW-01 through LW-06) within the upper five feet of bedrock. Loss of recirculation water during drilling can indicate the presence of waterbearing fractures. In order to confirm if a waterbearing interval had been encountered, the water level within the corehole was measured following retrieval of each segment of core. If the water level was measured to be near the drilled bottom depth (approximately 1 foot) of the corehole, it was determined that a waterbearing zone had not been encountered and coring was continued. When the water level was measured and found at a level greater than 1 foot above the bottom of the corehole (or if a rising water level was observed), it was determined that a waterbearing zone had been encountered. Well construction logs are presented in Appendix B.

Monitoring Well Development

Following installation, each well was developed to remove fine grained material generated during drilling and to optimize hydraulic connection between the well and the aquifer. Each well was developed by pumping a minimum of 5 well volumes from the well using a Waterra® inertial pump. During development, groundwater quality parameters (pH, conductivity, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity) were measured following the removal of each well volume.

Following installation and prior to development, a thin (less than 1/4-inch) layer of petroleum product was observed in monitoring well LW-03 and at the time of development, a sheen and



petroleum odor was noted at monitoring well LW-05. Following development, there was no evidence of petroleum product in either of these wells.

All purged groundwater was containerized in New York State Department of Transportation (NYSDOT) approved 55-gallon drums. Monitoring well development logs are contained in Appendix B.

Groundwater Sampling

Two rounds of groundwater sampling were performed. The first round was performed on April 5 and 6, 2017, approximately one month following installation of the monitoring wells. During a Site visit, the NYSDEC expressed concern that the groundwater samples collected in April may have been affected by residual drilling water. The second round of groundwater sampling was performed on November 14 and 15, 2017, following a sufficient amount of time to ensure that the samples were representative of the bedrock aquifer condition. A peristaltic pump and dedicated polyethylene tubing was used to eliminate potential cross contamination of samples. All monitoring wells were purged prior to sample collection in order to remove stagnant water from within the well casing. Groundwater stabilization parameters including, pH, temperature, conductivity, ORP, DO, and turbidity were monitored during purging and sampling. Two field duplicate, two matrix-spike/matrix spike duplicate (MS/MSD), and one rinsate blank sample were collected for analytical QA/QC purposes. Monitoring well purge and sample logs are presented in Appendix C.

4.2.3 Surface Soil Sampling

Surface soil samples (0 to 2 inches below vegetative cover) were collected at four locations (SFC-1 through SFC-4) within the two grass covered areas. In addition, one deeper (2 to 12 inches below vegetative cover) sample was collected from each of the two grass covered areas. Each surface soil sample was analyzed for SVOCs, Target Analyte List (TAL) metals (including cyanide), PCBs, and pesticides. The surface soil sampling locations are shown on Figure 4-1.

4.2.4 Soil Vapor Sampling

Eight sub-slab vapor and two soil vapor samples were collected at the Site. Five of the sub-slab samples were collected from within the former office/administration building area and three of the sub-slab samples were collected from within the former manufacturing area. The exterior soil vapor samples were collected outside of the building adjacent to the western margin of the former manufacturing area.

Soil vapor sampling points were installed at the locations shown on Figure 4-1 using hand tools. The sub-slab sampling points were completed as temporary points and were constructed using polyethylene tubing that extended no more than 2 inches into the sub-slab material. The sampling points were sealed to the surface with non-VOC-containing and non-shrinking modeling clay and bees wax. Soil vapor probe screens were installed to a depth of approximately 5 feet and sealed at the ground surface to prevent any inflow from ambient surface air. In order to prevent short



circuiting of ambient air into the subsurface, the soil vapor probes were sealed above the sampling zone with bentonite slurry.

Soil vapor sampling was conducted in conformance with the NYSDOH Guidance.

Sampling was performed for the duration of twenty four hours. Samples were collected in 6 liter Summa canisters that were certified clean by the laboratory and samples were analyzed by using USEPA Method TO-15. Flow rates for both purging and sampling did not exceed 0.2 liters per minute (L/min).

As part of the vapor intrusion evaluation, helium was used at the soil vapor sampling points in accordance with NYSDOH protocols to serve as a QA/QC device to verify the integrity of the soil vapor probe seal. A plastic pail was placed over the sample point to keep the helium in contact with the probe during testing. A portable helium detector was used to analyze a sample of soil vapor for the helium prior to sampling. This procedure was repeated following soil vapor sample collection. The QA/QC testing did not indicate any significant presence (>10 percent) of helium before or after sample collection at any of the sampling locations.

4.2.5 Equipment Decontamination

All drilling equipment (HSAs and bedrock coring equipment) were steam cleaned between use at each drilling location. Soil sampling equipment, including split-spoons, macro-core sampler, and stainless steel bowls, were also decontaminated prior to use and between each sample interval. A three-step decontamination procedure was followed throughout the course of the soil sampling event. The first step included an Alconox and potable water wash, followed by a potable water rinse, which was then followed with a deionized water rinse. Four equipment blank samples were collected from the soil sampling equipment to determine the effectiveness of the decontamination procedures. The oil/water interface probe was decontaminated between each use to prevent cross contamination.

4.2.6 Waste handling, Storage and Disposal

Investigation derived waste (IDW) including soil cuttings, drilling and decontamination wastewater, and monitoring well development and sampling purge water generated during the investigations, were placed directly into 55-gallon NYSDOT approved steel drums. The drums were labelled indicating their contents and stored on-site pending waste characterization. All IDW will be ultimately disposed off-site at a licensed disposal facility in accordance with applicable regulatory requirements.



5.0 GEOLOGY AND HYDROGEOLOGY

5.1 Geology

Based on the remedial investigation activities, the general stratigraphy at the Site consists of fill, underlain by a silty clay layer, over bedrock. The boring logs are found in Appendix A. Cross-section locations and cross-sections are presented on Figures 5-2 through 5-4.

The fill encountered at the Site generally consists of silt, sand, and gravel with a mixture of crushed stone, yellow and red brick, coal, glass, slag, ash, metal fragments, and wood; and ranged in thickness from approximately 2 inches to 10.3 feet. In general, the fill layer beneath the building and in the northern portion of the Site was relatively thin (4 feet or less). In borings installed within the building and in the northern portion of the Site, the fill contained less anthropogenic material. The fill thickness increases significantly and the silty clay layer thickness decreases in the southern and southwestern portion of the Site.

The native soils underlying the fill generally consist of brown/tan silty clay. With the exception of one location, SB-27 (where fill was present all the way to bedrock), the silty clay layer separates the fill from the bedrock. As noted above, the silty clay layer is relatively thin in the southwestern portion of the Site.

Bedrock cores were collected and logged at six bedrock monitoring well locations. These cores indicate a light to dark gray cherty limestone (the Onondaga Limestone). The limestone is massive and moderately fractured or broken at the top of the formation.

5.2 Bedrock Surface

Based on field observations and the measured depth to the top of bedrock at soil boring and monitoring well locations, the average depth to bedrock is 8.6 feet below grade (ftbg). The depth to bedrock increases from north to south as shown on Figure 5-1. A top of bedrock surface contour map (Figure 5-1) was prepared based on the field measurements. A review of Figure 5-1 indicates that the top of bedrock surface beneath the Site dips similar to the gentle regional dip, which is to the south with a gradient of approximately 25 feet per mile. The bedrock is not flat, but tends to undulate, with localized mounds and depressions. These features could influence local groundwater flow in the overburden and shallow bedrock.

5.3 Hydrogeology

Groundwater is first encountered at the Site within the bedrock. The average depth to groundwater is approximately 10 ftbg across the Site based on water level measurements collected in April and November 2017 (Tables 5-1 and 5-2). Waterbearing fractures were typically not encountered at depths less than 18.5 ftbg indicating that the bedrock groundwater encountered in the monitoring wells is confined or semi-confined.



In April 2017, the groundwater flow direction was generally to the southwest at a gradient of 0.0045 foot per foot in the bedrock as depicted on Figure 5-5.

In November 2017, the groundwater flow direction was generally to the southeast at a gradient of 0.0167 foot per foot in the bedrock as depicted on Figure 5-6.



6.0 ANALYTICAL RESULTS

Laboratory analyses were performed by Con-Test Analytical Laboratory (Con-Test) of East Longmeadow, Massachusetts, a NYSDOH approved laboratory (No. 10899), York Analytical Laboratories, Inc. (York) of Stratford, Connecticut, a NYSDOH approved laboratory (No. 10854), and Chemtech of Mountainside, New Jersey, a NYSDOH approved laboratory (No. 11376). The following analytical methods (USEPA methods) were used for analyses:

- VOCs – SW-846-8260C
- VOCs (soil vapor) – USEPA TO-15
- SVOCs – SW-846-8270D
- PCBs – SW-846-8082A
- Pesticides – SW-846-8081B
- Metals – SW-846-6010
- Cyanide – SW-846-9014
- TCLP Extraction – SW-846-1311
- SPLP Extraction – SW-846-1312

Contamination and cross-contamination were minimized to the extent possible by the use of disposable or dedicated equipment for the collection of soil, groundwater, and vapor samples. Standard chain-of-custody (COC) procedures were utilized to track the possession of all samples from the time of collection to receipt at the analytical laboratory. All analyses were performed using the standard preservation procedures and required holding times.

Laboratory supplied trip blanks accompanied each sample shipment containing samples for VOC analysis. Field duplicate samples, rinsate blank samples, and MS/MSD samples were collected at a frequency of one each for every 20 investigative samples collected.

The following subsections present a discussion of the analytical results for each media sampled. Laboratory analytical reports are contained electronically in Appendix D.

The laboratory data was subjected to a third party review by Vali-Data of WNY, LLC (Vali-Data). The Data Usability Summary Report (DUSR) was prepared in compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory data were found to be usable as qualified. The DUSRs are provided electronically in Appendix E.

6.1 Subsurface Soils

Subsurface soil samples were collected from 41 boring locations and six monitoring well locations installed at various locations across the Site.

New York State has promulgated SCOs in 6 NYCRR Part 375, effective December 14, 2006. The subsurface soils analytical results were compared in the Tables included in this report to the Part 375 Unrestricted Use SCOs (USCOs) and the Part 375 CSCOs.



6.1.1 Volatile Organic Compounds (VOCs)

Table 6-1 presents a summary of VOC analytical results in subsurface soils. Laboratory analytical results indicate that while some VOC compounds are present in subsurface soils at detectable levels, only one VOC was found at a concentration exceeding the CSCOs (m,p-xylene at location LB-40 as shown on Figure 6-1).

6.1.2 Semi-Volatile Organic Compounds (SVOCs)

Table 6-2 presents a summary of SVOC analytical results in subsurface soils. Laboratory analytical results indicate that seven SVOC compounds were found in exceedance of the CSCOs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene.

CSCO exceedances were identified in 23 samples. The majority of the exceedances were identified in the western exterior portion of the Site. Figure 6-2 shows the locations and depths where SVOC samples reported concentrations of SVOCs exceeding the CSCOs.

6.1.3 Polychlorinated Biphenyls (PCBs)

Table 6-3 presents a summary of PCB analytical results in subsurface soils. Laboratory analytical results indicate that three PCB compounds were found in exceedance of the CSCO including Aroclor-1242, Aroclor-1254, and Aroclor-1260. CSCO exceedances were identified in 44 samples. All of the locations where exceedances were identified are located in the western exterior portion of the Site (Figure 6-3). The total PCB concentrations of the exceeding locations ranged from 1.2 milligram / kilogram (mg/kg) to 210 mg/kg. The highest concentration, 210 mg/kg, was detected in the deeper fill soil at LB-07.

6.1.4 Pesticides

Table 6-4 presents a summary of the pesticides analytical results in subsurface soils. Laboratory analytical results indicate that while some pesticide compounds are present in subsurface soils at detectable levels, no pesticides were found at concentrations exceeding the CSCOs.

6.1.5 Metals

Table 6-5 presents a summary of the RCRA metals analytical results in subsurface soils and Table 6-6 presents a summary of the TAL metals analytical results in subsurface soils.

Laboratory analytical results indicate that five metals were found in exceedance of the CSCOs including arsenic, barium, copper, lead, and manganese. CSCO exceedances were identified in 18 samples. With the exception of one boring location within the Site building, all locations that had exceedances are located in the western exterior portion of the Site.



Figure 6-4 identifies the locations and depths where metals samples reported concentrations of metals exceeding the CSCOs.

Four locations (LB-21, LB-22, LB-23, and LW-05) were installed in the vicinity of historic sample location ASB-08 in order to delineate metals exceedances that were identified during the 2015 Phase II ESI. One CSCO exceedance was detected in one of these borings, arsenic at LB-21. In addition to the analysis for RCRA metals, these samples were also analyzed for leachable metals using both TCLP and Synthetic Precipitation Leaching Procedure (SPLP). Table 6-7 presents the results of the TCLP analysis and Table 6-8 presents the results of the SPLP analysis. Results of these analyses were compared to 6 NYCRR Part 371 hazardous waste criteria. The TCLP and SPLP results did not report metals concentrations above the criteria.

6.2 Groundwater

Groundwater analytical results were compared to the NYS Ambient Water Quality Standards and Guidance Values (AWQSGVs) found in the Division of Water Technical Operations Guidance Series 1.1.1 (TOGS 1.1.1). Groundwater sample locations are shown on Figure 4-1.

6.2.1 Volatile Organic Compounds (VOCs)

No VOCs were detected above TOGS 1.1.1 AWQSGVs in any of the groundwater samples collected. Table 6-9 presents a summary of groundwater VOC analytical results.

6.2.2 Semi-volatile Organic Compounds (SVOCs)

No SVOCs were detected at concentrations above TOGS 1.1.1 AWQSGVs in any of the groundwater samples collected. Table 6-10 presents a summary of groundwater SVOC analytical results.

6.2.3 Polychlorinated Biphenyls (PCBs)

No PCBs were detected at concentrations above TOGS 1.1.1 AWQSGVs in any of the groundwater samples collected. Table 6-11 presents a summary of groundwater PCB analytical results.

6.2.4 Pesticides

No pesticides were detected at concentrations above TOGS 1.1.1 AWQSGVs in any of the groundwater samples collected. Table 6-12 presents a summary of groundwater pesticides analytical results.



6.2.5 Metals

Laboratory analytical results indicate that four metals were found in exceedance of AWQSGVs including iron, magnesium, manganese, and sodium.

Table 6-13 presents a summary of groundwater metals analytical results and Figure 6-5 identifies the locations where metals groundwater samples were collected and provides the concentrations of metals exceeding the AWQSGVs.

6.3 Surface Soil

6.3.1 Semi-volatile Organic Compounds (SVOCs)

Table 6-14 presents a summary of the surface soils SVOC analytical results. Laboratory analytical results indicate that four SVOC compounds were found in exceedance of the CSCOs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenz(a,h)anthracene.

Figure 6-2 identifies the locations where SVOC surface soil samples were collected and provides the concentrations of SVOCs exceeding the CSCOs.

6.3.2 Polychlorinated Biphenyls (PCBs)

Table 6-15 presents a summary of the surface soils PCB analytical results. Laboratory analytical results indicate that one PCB, Aroclor-1254, was present at two locations at detectable concentrations (SFC-3 and SFC-4 from 0 to 2 inches below vegetative cover). No PCBs were detected at concentrations exceeding CSCOs.

6.3.3 Pesticides

Laboratory analytical results indicate that pesticides were not detected in any of the surface soil samples collected. Table 6-16 presents a summary of the surface soils pesticides analytical results.

6.3.4 Metals

Table 6-17 presents a summary of the surface soils metals analytical results. Laboratory analytical results indicate that one metal was found in exceedance of the CSCOs including arsenic.

Arsenic was reported above its CSCO of 16 mg/kg at two surface soil locations. Figure 6-4 identifies the locations and depths where surface soils were collected and provides the concentrations of metals exceeding the CSCOs.



6.4 Soil Vapor

NYSDEC has not promulgated soil vapor standards, but the NYSDOH has established exposure guidelines, Air Guidance Values (AGVs), for indoor air quality. As a screening tool, the soil vapor analytical results were compared to contaminant-specific values listed in the decision matrices (updated May 2017) published in the NYSDOH Soil Vapor Intrusion Guidance Document.

The laboratory analytical results indicate that concentrations of VOCs were present in each of the soil vapor samples collected. Trichloroethylene was detected in six sub-slab samples (SS-1, SS-2, SV-02, SS-3, SV-03, and SS-7) at concentrations exceeding the indoor air AGV. Trichloroethylene was reported at concentrations greater than 60 (a threshold indicating “mitigation” in the NYSDOH decision matrix) at three closely spaced locations within the 4-story office/administration area (SV-02, SV-03 and SS-3) and at a single location SS-7 in the manufacturing space proximal to the 4-story office/administration area.

Tetrachloroethylene was detected in one subsurface soil vapor sample (SS-6) at a concentration exceeding the indoor air AGV.

Table 6-18 presents a summary of the soil vapor analytical results.



7.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

7.1 General

A qualitative human health exposure assessment (QHHEA) for the Western New York Workforce Training Center Site has been performed in accordance with the requirements of NYSDEC DER-10 Appendix 3B (NYSDEC May 2010) and is presented in the following subsections.

The objective of the QHHEA is to evaluate the presence of completed or potential exposure pathways in order to determine if Site contamination poses an existing or potential hazard to current or future Site users. The QHHEA will identify the potential for human exposures, if any, associated with chemical constituents detected in soil, groundwater, and air at the Site. The QHHEA will address potential on-site and hypothetical off-site receptors for current use, future site construction during redevelopment, and future use scenarios. The anticipated future use of the Site is for a training center and for light industrial and commercial purposes.

The QHHEA consists of five elements to document exposure pathways (listed below). An exposure pathway is complete when all five elements are documented; a potential exposure pathways exists when one or more of the elements is not documented.

- Identified contaminant sources, affected media, and chemicals of potential concern (COPCs) from site-specific data collected during site investigations;
- Identified contaminant release and transport mechanisms (e.g., vaporization, migration, etc.);
- Identified points of exposure for current and future site use (e.g., on-site soil, potable wells, etc.);
- Identified exposure routes (i.e., inhalation, ingestion, dermal contact); and,
- Identified potential on-site and off-site receptor population(s).

Following the identification and documentation of the exposure pathways, the QHHEA will recommend the need for mitigation and/or remedial measures to reduce potential exposures.

No off-site exposure pathways exist as the City of Buffalo does not permit groundwater use. No COPCs in soil vapor have been reported for off-site migration and the potential for COPCs in soil to migrate off-site has been mitigated by vegetative cover, pavement or building slabs. Off-site migration of soils during construction will be prevented by implementation of dust monitoring and control requirements.

7.2 Contaminant Sources and COPCs

Site investigation data indicate the historic use of PCB containing materials possibly related with quenching and cutting oils within the building released contaminants to the wood block and flooring. An area of oily soil contaminated with PCBs, heavy petroleum constituents (i.e., polycyclic aromatic hydrocarbons [PAHs]), VOCs (xylene in one sample), and metals was evident



in the southwestern Site area. There is no record of electrical equipment use or storage in this area. Phase I reports indicate that former USTs may have been present in this portion of the Site and residual oil was observed in soil in this portion of the Site. Residual affected media is soil. COPCs for soil were identified based on exceedances of CSCOs discussed in Section 6.0 of this report.

The maximum detected concentrations of the contaminants exceeding CSCOs in subsurface soil and locations are tabulated below:

<i>Contaminant</i>	<i>6 NYCRR Part 375-6.8(b): Commercial SCO (mg/kg)</i>	<i>Max. Detected Conc. (mg/kg)</i>	<i>Sample</i>
Xylene (mixed)	500	802	LB-40 5.5-6.5
Benzo(a)anthracene	5.6	130	LB-13-COMP1-0-4
Benzo(a)pyrene	1	110	LB-13-COMP1-0-4
Benzo(b)fluoranthene	5.6	120	LB-13-COMP1-0-4
Benzo(k)fluoranthene	56	62.2	LB-30-COMP2
Chrysene	56	120	LB-13-COMP1-0-4
Dibenz(a,h)anthracene	0.56	21	LB-13-COMP1-0-4
Indeno(1,2,3-cd)pyrene	5.6	51	LB-13-COMP1-0-4
PCBs (total)	1	210	LB-07-COMP2-4-9.7
Arsenic	16	30	LB-21-COMP1-0-4
Barium	400	2,200	LB-09-COMP2-4-10.7
Copper	270	479	LB-30-COMP2
Lead	1,000	3,100	LB-03-COMP1-0-4
Manganese	10,000	29,000	LB-15-COMP1-0-4

The maximum detected concentrations of the contaminants exceeding CSCOs in surface soil and locations are tabulated below:

<i>Contaminant</i>	<i>6 NYCRR Part 375-6.8(b): Commercial SCO (mg/kg)</i>	<i>Max. Detected Conc. (mg/kg)</i>	<i>Sample</i>
Benzo(a)anthracene	5.6	10.7	SFC-3-Surface
Benzo(a)pyrene	1	9.55	SFC-3-Surface
Benzo(b)fluoranthene	5.6	7.41	SFC-3-Surface
Dibenz(a,h)anthracene	0.33	1.89	SFC-3-Surface
Arsenic	16	24.4	SFC-2-Surface

In addition to the soil contamination noted above, trichloroethylene was detected in sub-slab vapor in three samples from the 4-story office/administration area of the Site and one sample from the former manufacturing area of the Site at concentrations, which suggest a potential concern for vapor intrusion. Trichloroethylene was reported at concentrations of 260 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in sample SS-3, 64 $\mu\text{g}/\text{m}^3$ in sample SS-7, 146 $\mu\text{g}/\text{m}^3$ in sample SV-02, and 101



$\mu\text{g}/\text{m}^3$ in sample SV-03. It is not clear if there are on-site sources for this contaminant as chlorinated solvents were not detected in soil or groundwater during the RI and previous sampling of waste and pits at the site reported only relatively low levels of chlorinated solvent compounds.

No analytes detected in on-site groundwater samples indicate any off-site migration of organic chemicals (VOCs, SVOCs, Pesticides, and PCBs). Inorganic analytes Iron, Manganese, and Sodium were detected above AGWQSGVs but are considered naturally occurring ions. Based upon this analysis, groundwater contamination for organic compounds does not exist and inorganic is naturally occurring, therefore no groundwater COPCs for off-site receptors are found. Additionally no soil vapor from groundwater off gassing is possible as no organic compounds were detected in on-site groundwater samples. Oil was observed in bedrock, during construction activities, in a localized area located southwest of the building.

7.3 Conceptual Site Model

In order to evaluate the significance of the impacted media at the Site, the potential pathways by which individuals may come in contact with these media must be determined. The combination of factors (chemical source, media of concern, release mechanisms, and potential receptors) that could produce a complete exposure pathway and lead to human uptake of chemicals is assessed in what is defined as the Conceptual Site Model (CSM).

Based on current land use and the anticipated future land use of the Site, the following potential receptors may be exposed to on-site media:

- Site Trainee (future)
- Site Visitor (current/future)
- Industrial Worker (current/future)
- Construction Worker (current/future)

Impacted media at the Site include surface soil and subsurface soil. Soil vapor (air) is also considered an impacted medium due to the reported concentration of trichloroethylene at SS-3. Groundwater beneath the Site is not currently used as a potable drinking water source and RI data do not indicate any Site related dissolved phase groundwater impacts. However, during IRM Number 2, oil was observed on groundwater seeping from shallow bedrock in the southwestern portion of the Site. The oil was identified through laboratory testing as hydraulic oil and PCBs were detected in the oil at a concentration of 15 parts per million. Based on this observation, five test pits were advanced to the south and west to delineate the extent of the area where oil was present. The oil was found to be limited to a shallow fracture zone in the bedrock within a relatively small area in the southwestern portion of the Site. Oil may be present on site in this localized area as free phase (oil only), absorbed in or mixed with a soil matrix, or as an emulsion in disturbed groundwater



Based on RI data, ingestion, dermal contact, and inhalation are the potential routes of exposure. All of these factors are evaluated in the CSM.

In addition, off-Site receptors may be exposed to soil contaminants that may have the potential to migrate off Site (air blow transport of surface soil or disturbed subsurface soil as dust). Groundwater and Soil Vapor COPCs do not exist as discussed on Section 7.2.. Potential off-site receptors include the following:

- Adult Resident (current/future)
- Child Resident (current/future)
- Area Visitor (current/future)
- Industrial worker (current/future)
- Construction Worker (future)

However, the wind borne transport pathway is incomplete due to the following:

1. Nature of the surface soil COPCs (PAHs are not highly volatile and would only be transported as particulates),
2. Limited area of surface soil contamination, surface soil areas are currently paved or vegetated surface soil areas,
3. The Site Management Plan (SMP) will contain measures to mitigate dust/particulate transport during construction or subsurface utility activities, and

7.4 Exposure Assessment

Exposure is defined as the contact of a receptor (i.e., person) with a chemical or physical agent. The exposure assessment is an estimate of the magnitude, frequency, and duration of the exposure for each potential exposure route. An exposure assessment provides a systematic analysis of the potential exposure mechanisms by which a receptor may be exposed to chemical or physical agents at or originating from a study area. The objectives of an exposure assessment are as follows:

1. Characterization of exposure setting
2. Identification of potential exposure pathways
3. Quantification of the exposure

The QHHEA addresses the first two objectives.

7.4.1 Characterization of Exposure Setting

As part of the assessment process, potential exposure pathways are determined through an evaluation of the physical setting of the Site and the potentially exposed populations. The consideration of Site-specific factors related to the land usage is important in the development of realistic exposure scenarios and quantification of risks and hazards. The current and future potential land uses that are reasonably expected for the Site determine which populations may potentially be exposed. The Site land uses are discussed below.



Current Land Use

The Site is currently undergoing cleaning and redevelopment. The current potentially exposed population includes Site construction workers and persons who may visit the Site.

The Site is bounded with parking areas along Northland Avenue north of the Site and commercial/industrial properties along Northland Avenue to the east and west of the site. The Site is bordered to the south by the New York Central Railroad.

Future Land Use

The Site is currently being redeveloped for use as a training facility in the northern portion of the building and for commercial/light industrial use in the southern portion of the building. It is reasonable to assume that the Site will remain in use for these purposes for the foreseeable future. Future maintenance or construction activities on the Site may necessitate some below-grade excavation. The future potentially exposed populations include Site (industrial) workers, trainees, construction/utility workers, and persons who may visit the Site.

7.4.2 Identification of Potential Exposure Pathways

As described in DER-10, Appendix 3B (NYSDEC, May 2010), an exposure pathway describes the means by which an individual may be exposed to contaminants originating from a site. An exposure pathway is complete (i.e., it could result in receptor contacting a COPC) if the following elements are present:

1. A source or release from a source (e.g., COPCs released to soil due to historical releases during plant operations).
2. A probable environmental migration route of a Site-related COPC (e.g., leaching or partitioning from one medium to another).
3. An exposure point where a receptor may come in contact with a Site-related COPC (e.g., surface and subsurface soil).
4. A route by which a Site-related COPC may enter a potential receptor's body (e.g., ingestion, dermal contact, or inhalation).
5. A receptor population that is potentially exposed.

If any of these elements are not present, the exposure pathway is considered incomplete and does not contribute to the total exposure from the Site. The first element, a source or release from a source, is satisfied at the Site, as previously indicated in Section 7.2. The remaining elements are described in the following sections.

7.4.3 Fate and Transport in Receiving Media

Many complex factors control the partitioning of a COPC in the environment, thus measured concentrations only represent Site conditions at a discrete point in time. An understanding of the general fate and transport characteristics of the COPCs is important when predicting future



exposure, linking sources with currently contaminated media, and identifying potentially complete exposure pathways to Site media. Therefore, the fate and transport analysis conducted at this stage of the exposure assessment is not intended to provide a quantitative evaluation of media-specific COPC concentrations; it is meant to identify media that are likely to receive Site-related COPCs.

The concentration and distribution of COPCs in the environment are constantly subject to change due to dispersal by wind and water, and chemical and biological degradation by microorganisms. Once released to the environment, COPCs can partition between air, water, sediment, soil, and biota, and be subsequently subjected to one or more of the following processes:

1. Transportation (e.g., convection by wind and water).
2. Physical transformation (e.g., volatilization, precipitation).
3. Chemical transformation (e.g., photolysis, hydrolysis, oxidation, reduction).
4. Biological transformation (e.g., biodegradation, metabolization by plants or animals).
5. Accumulation in one or more media.

Several transport mechanisms, such as advection and dispersion, are controlled primarily by the physical characteristics of the Site, and thus are essentially the same for all COPCs. However, other transport and transformation processes, such as volatilization, sorption, and biodegradation, depend on certain physical and chemical properties and, therefore, vary for each COPC.

The following section provides a fate and transport evaluation to determine the relative significance of the release sources and mechanisms.

7.4.4 Potential Migration of COPCs to Air

During ground intrusive activity, such as excavating soil for utility trenching or general construction, volatile COPCs could volatilize into ambient air and be inhaled by a construction/utility worker. Also, COPCs that adhere to soil particles may become suspended in the air column and could also be inhaled by the construction/utility worker. COPCs present in the surface soil can volatilize or adhere to soil particles and could be inhaled. Potential on-Site receptors would include a trainee, an industrial worker, and a site visitor.

Surface soil COPCs are PAH compounds commonly found in urban environments. Migration of these organic compounds would primarily occur via air born dust particles during construction. All future construction will be performed with measures in place to mitigate the generation of dust during construction activities.

The COPC present in sub-slab vapor can migrate into the building through vapor intrusion. There are no COPCs present for off-site soil vapor.

7.4.5 Potential Exposure Points



After contaminated or potentially contaminated media have been identified, the exposure points are determined by identifying whether or not the potentially exposed population can contact these media.

Exposure pathways for COPCs present in undisturbed soils are potentially complete, where the soils are not under pavement. For construction/utility workers, exposure pathways to COPCs in soils or to oil in groundwater are potentially complete.

The indoor air exposure pathway for COPCs present in sub-slab vapor is potentially complete.

7.4.6 Potential Exposure Routes

Potential exposure routes are identified by:

- i) determining the COPC sources and receiving media;
- ii) analyzing the movement of the COPC from the source; and,
- iii) determining the possible exposure points.

Humans can be exposed to a variety of contaminated media, including soil, groundwater, surface water, sediment, air, and biota that has contact with other contaminated media. Based on the physical conditions of the Site, potential exposure routes associated with soil include incidental ingestion, direct dermal contact, and inhalation (airborne particulate and/or vapors).

7.4.7 Exposure Scenarios and Completed Exposure Pathways

Based on an understanding of the components of an exposure pathway and the current/future conditions of the Site, potential human exposure pathways were identified in the assessment. The potential human populations considered relevant to the assessment include the following:

1. Trainees
2. Construction/Industrial workers involved in general construction activities or utility excavations
3. Site visitors

Based on these assumptions and the results of the media-specific screening presented above, the identified exposure scenarios and pathways are summarized in the CSM shown in Table 7-1.

The CSM presents a summary of the exposure media, exposure pathways, exposure routes, and exposed receptors considered in the assessment. The following media and potential human exposures (i.e., complete pathways) have been identified:

1. On-Site Surface Soil – Current/Future Condition:
 - Dermal contact with surface soil by trainees, construction/industrial workers, and site visitors



- Incidental ingestion of surface soil by trainees, construction/industrial workers, and site visitors
 - Inhalation of airborne particulates originating from surface soil by trainees, construction/industrial workers, and site visitors
2. On-Site Subsurface Soil or Oil in Soil – Current/Future Condition:
 - Inhalation of vapors in indoor air originating from subsurface soil or oil by construction/industrial workers, and trainees
 3. On-Site Subsurface Soil or Oil in Soil – Future Condition:
 - Dermal contact with soil or oil in soil by construction workers
 - Incidental ingestion of soil or oil in soil by construction workers
 - Inhalation of airborne particulates originating from soil or oil in soil by construction workers
 - Inhalation of vapors from oil in soil by construction workers
 4. On-Site Subsurface Oil on Groundwater – Current/Future Condition:
 - Dermal contact with oil on groundwater by construction workers
 - Incidental ingestion of oil on groundwater by construction workers
 - Inhalation of airborne oil/water droplets originating from oil on groundwater by construction workers
 - Inhalation of vapors from oil on groundwater by construction workers
 5. On-Site Soil Vapor – Current/Future Condition:
 - Inhalation of volatile vapors in indoor air originating from sub-slab vapor by trainees, construction/industrial workers and visitors

There are no complete off-site exposure pathways under current or future conditions for surface soil, subsurface soils, groundwater or oil on groundwater.

7.5 Summary

As discussed in the preceding sections, the qualitative exposure assessment identified media and potential human exposure to soil (through dermal contact, incidental ingestion, and inhalation of particulates) and to soil vapor through (inhalation of vapors in indoor air). The potentially exposed receptors include trainees, workers (industrial and construction/utility workers), visitors, and persons that may trespass onto the Site.

The qualitative exposure assessment did not identify any complete exposure pathways to off-site receptors for current or future Site scenarios.



8.0 FISH AND WILDLIFE IMPACT ANALYSIS

As part of the RI, LiRo completed a limited evaluation of Fish and Wildlife Impact. The objective of a Fish and Wildlife Impact Analysis is to identify fish and wildlife resources that presently exist and that existed before contamination introduction at the Site, and to provide information for the design of a remedial investigation. Due to dense urbanization and lack of natural habitats surrounding the Site, it can be concluded that there is no impact to fish and wildlife on or near the Site.



9.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the RI and the QHHEA, the following conclusions are made:

1. Fill material ranges in thickness across the Site from less than one foot to over 10 feet. The fill thickness increases north to south, with a relatively thin fill layer in the northern portion of the Site and beneath the building. The fill materials typically comprised soil, brick, glass, and slag with more anthropogenic material and oil residuals in the fill material in the parking area in the southwestern portion of the Site. The fill material is generally underlain by fine-grained soils, specifically, clay with silt. The fine-grained soil layer thins in the areas where the fill layer was thickest. Bedrock was identified at depths of up to approximately 12.5 ftbg. The depth to bedrock increases from north to south across the Site.
2. Analyte concentrations in surface soils (i.e., 0 to 2 inches below vegetative cover) samples identified the presence of SVOCs, PCBs, and metals at concentrations exceeding the CSCOs.
3. Analyte concentrations in subsurface soil samples identified the presence of VOCs (one location), SVOCs, PCBs, and metals at concentrations exceeding the CSCOs.
4. Groundwater was present within monitoring wells that were installed within the upper bedrock below the Site. The depth to groundwater varied from 9.0 to 11.37 ftbg. Water level data indicates that the groundwater hydraulic gradient in the bedrock is to the southwest.
5. Analytical data for groundwater samples identified the presence of metals at concentrations exceeding the NYSDEC AWQSGVs for class GA groundwater; however, the metals in exceedance (iron, magnesium, manganese, and sodium) do not appear to be related to Site impacts and are more likely representative of a background condition. During IRM Number 2, oil was observed in groundwater seeping from shallow bedrock in the southwestern portion of the Site. Supplemental test pit investigation was conducted to determine the extent of the area where oil is present.
6. Analytical data for sub-slab soil vapor samples identified the presence of trichloroethylene at concentrations that have the potential to cause vapor intrusion impacts for indoor air inhalation. The trichloroethylene concentrations are limited to the four-story administration section and the adjacent manufacturing area.
7. The qualitative exposure assessment identified media and potential human exposure to soil through dermal contact, incidental ingestion, and inhalation of particulate and vapors. The potentially exposed on-site receptors include trainees, workers (industrial workers and construction/utility workers), and persons that may visit the Site. Potential human exposure can be addressed using remedial or other methods to eliminate exposure pathways and/or provide worker protection. Site groundwater is not used for potable supply.

9.1 Interim Remedial Measures

The results of the RI identified the presence of VOCs, SVOCs, PCBs, and metals in the on-site surface and subsurface soils.



Based on these findings and work that was required to prepare the buildings for re-use (i.e., wood block floor removal/disposal, PCB-contaminated concrete removal/disposal, building pit cleaning, utilities removal/installation, etc.) LiRo submitted IRM Work Plans that are being implemented in conjunction with building preparation/abatement and utilities installation. These IRMs include measures to remove and dispose of any contaminated soils or oil encountered within the utility corridors during early phase Site redevelopment activities.

The IRMs are not expected to be the final remedy for the Site. Alternatives for the final Site remedy to address contamination in areas outside of the utility corridor limits are detailed in the AA portion of this report.



10.0 ALTERNATIVES ANALYSIS

The purpose of the AA is to provide a recommended remedial action or actions for the Site to address impacts to human health and the environment following the requirements found in NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation (NYSDEC, May 2010).

10.1 Site Description and History

Site description and history are found in Section 2.0 of this report

10.2 Physical Setting

Physical Setting is reported in Section 2.1 of this report.

10.3 Site Geology and Hydrogeology

The Site Geology and Hydrogeology are found in Section 5.0 of this report.

10.4 Site Topography and Surface Water Drainage

Site topography and surface water drainage are summarized in Section 2.2 of this report.

10.5 Summary of Remedial Investigation

The results of the RI are presented in Section 6.0 of this report. The nature and extent of chemical impacts to soil, groundwater, and soil vapors were determined in the RI. A list of COPCs was developed by comparing the detected concentrations of VOCs, SVOCs, PCB, Pesticides, and metals for each media to appropriate SGVs. The SGVs utilized are summarized in Section 4.1. The media evaluated included surface soils, subsurface soils, groundwater, and soil vapor. The results for each media are summarized below.

Surface Soil

COPCs for surface soil were determined by comparison of the laboratory data to CSCOs and the ingestion, dermal contact, and inhalation exposure pathways from the QHHEA. The RI reported four SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene) and one TAL metal (arsenic), as COPCs for Site surface soils. Soil data distribution and evaluation to NYSDEC Part 375 CSCOs are illustrated on Figures 10-1 through 10-4.

Subsurface Soil

COPCs for sub-surface soil were determined by comparison of the laboratory data to CSCOs and the ingestion, dermal contact, and inhalation exposure pathways from the QHHEA. The RI reported one VOC, seven SVOCs, three PCBs, and five TAL metals as COPCs for Site subsurface



soils. The COPCs include m&p-xylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)-fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, Aroclor-1242, Aroclor-1254, Aroclor-1260, arsenic, barium, copper, lead, and manganese. Soil data distribution and evaluation to NYSDEC Part 375 SCOs are illustrated on Figures 10-5 through 10-14.

Groundwater

The RI reported four TAL metals, including iron, magnesium, manganese, and sodium, at concentrations exceeding AWQSGVs in Site groundwater. Because these metals do not appear to be related to Site contamination and groundwater is not used as a drinking source, they are not considered to be COPCs for groundwater. During IRM Number 2, oil was observed in groundwater seeping from shallow bedrock in the southwestern portion of the Site. Supplemental test pit investigation was conducted to determine the extent of the area where oil is present. The oil was limited to a relatively small area in the southwestern portion of the Site (Figure 10-15).

Soil Vapor

The RI reported trichloroethylene in four sub-slab vapor samples (three from the area of the four-story office/administration building and one from the adjoining portion of the manufacturing area) at concentrations that indicate the potential to cause vapor intrusion impacts for indoor air inhalation.

10.6 Remedial Investigation Conceptual Site Model

In order to evaluate the significance of the impacted media at the Site, the potential pathways by which individuals may come into contact with these media must be determined. The combination of factors (chemical source, media of concern, release mechanisms, and potential receptors) that could produce a complete exposure pathway and result in human uptake of chemicals is assessed in what is defined as the CSM.

Based on current land use (commercial) and the anticipated future land use (commercial) of the Site, the following potential receptors, may be exposed to on-site media:

- Site Trainee (current/future)
- Site Visitor (current/future)
- Industrial/Commercial Worker (current/future)
- Construction Worker (current/future)

Impacted media at the Site include surface soil, subsurface soil, groundwater (oil) and sub-slab vapor. Ingestion, dermal contact, and inhalation are the potential routes of exposure. All of these factors are evaluated in the CSM. Groundwater beneath the Site is not currently used as a potable drinking water source. The potable water for the Site and the surrounding area is currently supplied by a municipal source and this is expected to continue.



In addition, off-site receptors may be exposed to contaminants that have migrated. Impacted media includes surface soil and subsurface soil that could migrate in the form of dust and vapors. Potential receptors include the following:

- Adult resident (current)
- Child resident (current)
- Area Visitor (current)
- Industrial Worker (current)

10.7 Qualitative Exposure Assessment

Section 7.0 of this report provides details on the QHHEA. The elements used for the AA are summarized below.

The following media and potential human exposures (i.e., complete pathways) have been identified:

1. On-Site Surface Soil – Current/Future Condition:
 - Dermal contact with surface soil by trainees, construction/industrial workers, and site visitors
 - Incidental ingestion of surface soil by trainees, construction/industrial workers, and site visitors
 - Inhalation of airborne particulates originating from surface soil by trainees, construction/industrial workers, and site visitors
2. On-Site Subsurface Soil or Oil in Soil – Current/Future Condition:
 - Inhalation of vapors in indoor air originating from subsurface soil or oil by construction/industrial workers, and trainees
3. On-Site Subsurface Soil or Oil in Soil – Future Condition:
 - Dermal contact with soil or oil in soil by construction workers
 - Incidental ingestion of soil or oil in soil by construction workers
 - Inhalation of airborne particulates originating from soil or oil in soil by construction workers
 - Inhalation of vapors from oil in soil by construction workers
4. On-Site Subsurface Oil on Groundwater – Current/Future Condition:
 - Dermal contact with oil on groundwater by construction workers
 - Incidental ingestion of oil on groundwater by construction workers
 - Inhalation of airborne oil/water droplets originating from oil on groundwater by construction workers
 - Inhalation of vapors from oil on groundwater by construction workers
5. On-Site Soil Vapor – Current/Future Condition:
 - Inhalation of volatile vapors in indoor air originating from sub-slab vapor by trainees, construction/industrial workers and visitors



The qualitative exposure assessment identified on site media and potential human exposure to soil or oil (through dermal contact, incidental ingestion, and inhalation of particulates and vapors), and sub-slab vapor (through inhalation of vapors). The potentially exposed on site receptors include trainees, workers (industrial and construction/utility workers), visitors and persons that may trespass onto the Site. No complete exposure pathways were identified for hypothetical off-site receptors.

10.8 Interim Remedial Measure Number 1

An IRM entitled “*Building Abatement/Environmental Cleanup and Petroleum Storage Tank Removals*” is currently underway for the former manufacturing facility/building located at 683 Northland Avenue. This IRM is being performed following the NYSDEC approved IRM Work Plan (LiRo, 2017) and USEPA approved Application for Self-Implementing On-Site Cleanup of PCBs (LiRo, 2017). The IRM work plan was modified with NYSDEC approval to no longer include removal of USTs.

In general, the IRM requires the following NYSDEC regulated components:

- removal and disposal of contaminated wood floors;
- removal and off-site disposal of PCB-contaminated concrete floor; and,
- environmental cleanup of the entire 683 Northland Avenue facility including material contained in pits, sumps, and trenches;

PCB cleanup will meet the USEPA High Occupancy Standard and any portion of the building with PCB concentrations greater than 1 ppm and less than or equal to 10 ppm will either be removed or will have a six inch thick concrete or asphalt cap and a deed restriction applied to them.

Upon completion of the IRM a Closure Report for NYSDEC review and approval will be completed. The IRM Closure Report will document the results of all sampling and analysis performed during the IRM, the physical condition, chemical conditions, and potential risks to human health and the environment that exist in the facility after completion of the IRM.

The current condition of the building has been the subject of multiple studies/investigations and the findings were summarized in the IRM Work Plans (LiRo, 2017). In general, these studies/investigations, while reporting concentrations of VOCs, SVOCs, metals, and PCBs above CSCOs in subsurface soils did not indicate a significant migration of industrial chemicals/wastes to the subsurface soils or groundwater. Impacted (asbestos, PCB, lead contaminated) surface materials were identified in the walls, floors, and ceilings of the facility.

After completion of the IRM, the facility will meet NYSDEC and USEPA remediation requirements for the protection of human health and the environment by removal or abatement of contaminants or construction of a barrier/cap over any remaining contamination. Any contamination (COPCs with concentrations above NYSDEC CSCOs) that remain below the cap will be subject to environmental easements and site management plans (SMPs). Additionally, as



a preventive measure and to address the qualitative risk assessment identified soil vapor COPCs, sub-slab depressurization infrastructures and vapor barriers will be installed within portions of the building to mitigate potential soil vapor emissions into the building if required. As the IRM implementation has not been completed at the time of this report the AA assumes that the IRM has been successful and the contaminated areas associated with the building will not require further remedial actions.

10.9 Interim Remedial Measure Number 2

An IRM entitled “*Focused Excavation for the Removal and Installation of Utilities and Storm Water Detention System*”, is currently underway for the former manufacturing facility/building located at 683 Northland Avenue. This IRM is being performed following the NYSDEC approved IRM Work Plan (LiRo, 2017). In conjunction with IRM Number 2, oily water is being removed from excavations (when free oil is encountered) for offsite disposal.

10.10 Post IRM Site Conceptual Model

After completion of IRM Number 1, any PCB-soil contamination inside of the facility at 683 Northland Avenue will either be removed or have a USEPA –TSCA compliant barrier/cap constructed. A few areas of soil contaminated with SVOCs and/or metals will remain below the floor slab, however, the building floor will serve as a suitable barrier to prevent exposure to residual soil contamination. Sub-slab depressurization infrastructures and vapor barriers will also be installed in the office portion of the building and areas of the manufacturing portion of the building to mitigate potential soil vapor intrusion if required.

As part of IRM Number 2, contaminated soils will be removed from areas where new Site utilities are to be installed. The soil will be disposed of off-site.

Surface and subsurface soil contamination may remain outside of the facility with VOC, SVOC, PCB, and TAL metal concentrations greater than Unrestricted Use SCOs and greater than CSCOs. In addition, there will be regulated petroleum storage tanks which must be closed/removed (along with any associated impacted soil) will remain. Groundwater and sub-slab vapor will not be affected by either of the IRMs.

The current and future use of the Site will be commercial/light industrial. Therefore, any remedial actions will need to protect human health and the environment. This could be accomplished by removing all soil exceeding CSCOs or by installing engineering controls such as a vapor intrusion mitigation system, cover, or cap and implementing a Site Management Plan.

Figures 10-1 to 10-14 illustrate the distribution of Site contaminants by depth and SCOs for soils less than 4 ftbg and greater than 4 ftbg.

Groundwater contamination across most of the Site is limited to metals that are naturally occurring and may be indicative of background concentrations. Hydraulic oil was found trapped in a shallow



bedrock fracture in the southwestern portion of the Site. Potable water is supplied by the local municipality and there is no significant use of groundwater from the shallow bedrock aquifer. Provisions will be included in the Site Management Plan for monitoring of the oil/groundwater in the southwestern portion of the Site and downgradient of the impacted area.

10.11 Remediation Goals and Remedial Actions Objectives

The remedial action goal for the Site is to eliminate or mitigate all significant threats to human health and the environment, to the extent practicable, caused by contaminants present due to former Site activities. In order to meet this goal, remedial action objectives (RAOs) were established to protect human health and the environment, provide the basis for selecting appropriate technologies, and to develop remedial alternatives. RAOs are based on contaminated media (soil and groundwater), SGVs, and the results of the QHHEA.

The RAOs for soil are to:

- Eliminate or reduce to the extent practicable Site contamination sources that exceed NYSDEC Part 375 CSCOs for the current and future use of the Site as a commercial property.
- Eliminate or reduce the potential for exposure to contaminated Site soil.
- Eliminate or reduce the potential for contaminated soil transport via surface water.

The RAOs for indoor air/vapor are to:

- Prevent or mitigate the potential for exposure to fugitive dust.
- Mitigate soil vapor intrusion to building interiors.

The RAOs for oil encountered on groundwater in bedrock during implementation of IRM#2 are to:

- Eliminate or reduce to the extent practicable Site contamination sources that exceed NYSDEC Part 375 CSCOs for the current and future use of the Site as a commercial property.
- Eliminate or reduce the potential for exposure to contaminated Site soil or groundwater commingled with oil.
- Eliminate or reduce the potential for contaminated oil in soil or oil on groundwater transport via construction activities.



11.0 ANALYSIS OF ALTERNATIVE TECHNOLOGIES

11.1 General Response Actions

General response actions are broad categories of remedial actions capable of satisfying the RAOs for the Site. Some response actions are sufficiently broad to be able to satisfy all RAOs to SGVs for the Site as a whole. Other response actions must be combined to satisfy RAOs for all impacted media. Remedial technologies were evaluated according to the general response actions of no action, containment, source removal, and treatment. A brief description of the general response actions are as follows:

- **No Action** – A No Action alternative was evaluated as part of the process as a baseline alternative. No action would be implemented to address residual soil or sub-slab vapor and long-term sampling and analysis would be conducted.
- **Containment** – Containment measures are those remedial actions whose purpose is to contain and/or isolate contaminants on the Site. These measures provide protection to human health and the environment by reducing exposure or migration of contaminants, but do not treat or remove the contamination.
- **Excavation** – Excavation of contaminated soil is a remedial action whose purpose is to remove contaminants from the Site. Combined with off-site treatment and/or disposal in an appropriate facility, source removal provides protection to human health and the environment by reducing exposure or migration of contaminants.
- **Ex-Situ Treatment** – Ex-Situ Treatment of contaminated media is a remedial action whose purpose is to reduce the toxicity, mobility, or volume (TMV) of contaminants by directly altering, isolating, or destroying those contaminants through either chemical, physical, or thermal methods. Remaining contamination (residual) would no longer pose an unacceptable health risk.
- **In-Situ Treatment** – In-Situ Treatment of contaminated media is a remedial action whose purpose is to reduce the TMV of contaminants by directly altering, isolating, or destroying those contaminants through either chemical, physical, or thermal methods in place. Remaining contamination (residual) would no longer pose an unacceptable health risk.

11.2 Identification and Screening of Technologies for Soil

This section identifies and provides a screening of remedial technologies for contaminated soil at the Site in a two-step approach. In the first step, potentially applicable remedial technologies that meet the RAOs are identified. In the second step, technologies are screened with respect to their relative effectiveness, technical implementability, and cost for this Site. This evaluation is based on the Site characterization, which includes the types and concentrations of contaminants, and geology and hydrogeology of the area. Table 11-1 provides a summary of the remedial technology identification and screening process.



11.2.1 Containment (Site Cap/Cover)

A newly-constructed cap/cover system over the areas of the Site outside of buildings and repair and maintenance of existing building roofs, gutters and downspouts will reduce infiltration from precipitation. A cap/cover and repair of existing building floors would prevent the potential for exposure to contaminated soil and fugitive dust. Construction of a soil vapor barrier as part of the building floor repair would mitigate potential soil vapor intrusion. Containment will meet the requirements of the proposed future use of the Site as a commercial property.

Effectiveness: Construction of a new Site cap/cover system would prevent the potential for exposure to contaminated soil and fugitive dust to nearby residents and limit precipitation infiltration to the subsurface. Cap technologies have been utilized at numerous remediation projects.

Implementability: A new cap/cover covering areas of contaminated surface and subsurface soil would not be difficult to construct.

Cost: The relative cost of a cap/cover as compared to other remedial technologies would be low.

Conclusion: A cap/cover can be an effective and implementable technology. It is retained for consideration for the Site as it would meet RAOs and is consistent with the future use of the Site.

11.2.2 Excavation and Off-site Disposal/Treatment

Excavating contaminated soil is a proven and reliable technology for contaminant removal. Contaminated soil would be excavated by conventional equipment and transported off-site either to an appropriate treatment facility, or to a permitted disposal facility. Excavated soil would be subject to soil and waste characterization testing to identify whether it would require disposal in an appropriate landfill, or need transportation to a treatment (e.g., thermal desorption) facility.

Effectiveness: Excavation of contaminated soil and off-site disposal would be effective in removing the source of contamination and meeting the RAOs for soil and air.

Implementability: This technology is widely used for remediation and would be implementable at the Site.

Cost: The cost of excavating contaminated soil to an appropriate depth using proper health and safety measures, and disposing the contaminated material off-site is considered to be relatively moderate to high.

Conclusion: Excavation and off-site disposal of contaminated soil can be an effective and implementable technology. It is retained as it would meet RAOs and is consistent with the future use of the Site.



11.2.3 In-Situ Treatment

In situ treatment technologies include biological and thermal processes designed to destroy the contaminants, chemical/physical processes designed to increase the mobilization of contaminants, and stabilization/solidification processes that reduce the mobility of the contaminants.

In-situ Biological Treatment

Naturally occurring microorganisms in the soil promote the breakdown and detoxification of organic contaminants. In-situ biological treatment such as bioremediation may enhance that process in soil and groundwater. Water enhanced with nutrients, oxygen, and other amendments is delivered to contaminated soil to enhance biological degradation of target contaminants. An infiltration gallery or injection wells can be utilized for the saturated and unsaturated zones.

Effectiveness: Bioremediation has not been proven to be effective on metals contamination and is most effective on VOCs and short chain organic molecules. Its effectiveness on longer chain organics, such as PAHs and PCBs, is limited. Bioremediation would require a long time period to effectively remediate Site soils.

Implementability: Implementation of an effective injection system would be difficult given the non-contiguous contamination areas and the nature of the fill material.

Cost: The cost is considered to be moderate to high depending on the operation period.

Conclusion: Biological treatment is not retained.

In-situ Thermal Treatment

In-situ thermal treatment methods employ heat to increase the mobilization of contaminants via volatilization and viscosity reduction. Available methods include heating by the addition of steam and/or hot water, electrical resistance, and radio frequency. However, high temperature thermal treatment (e.g., incineration) would be required to effectively remediate for PCBs.

Effectiveness: Under favorable conditions, in-situ thermal treatment technologies can remediate contaminants to below clean-up criteria. High temperatures would be necessary to remediate PCBs.

Implementability: The technology is implementable at the Site assuming that adequate power sources are available. Off-gasses may have to be collected.

Cost: The cost is estimated to be high due to power requirements to generate high temperatures.

Conclusion: In-situ thermal treatment is not retained due to the high temperatures and energy requirements for PCB contamination.



In-situ Chemical Treatment

In-situ chemical treatment processes such as chemical oxidation or soil flushing with surfactants have been used to remediate contaminated soil and groundwater. Chemicals and amendments are introduced into the subsurface through a series of injection wells appropriately spaced across the site to maximize contact between contaminants and injected materials. Introduced materials either destroy the organic contaminants or convert them to non-toxic compounds.

Effectiveness: Chemical treatment has been not been proven to be effective on metals and is most effective on VOCs. Its use on SVOCs and PCB contamination limited.

Implementability: Implementation of an effective injection system would be difficult given the non-contiguous contamination areas and the nature of the fill material.

Cost: The cost is considered to be moderate to high depending on the operation period.

Conclusion: Chemical treatment is not retained.

In-situ Solidification

In-situ solidification (ISS) introduces solidifying agents, such as cement, slag or kiln dust, or other proprietary reagents into subsurface soil to immobilize contaminants. Contaminants are immobilized primarily by binding the contaminants in a soil-cement mix and encapsulating contaminated soil with an impermeable coating. If desired, a subsurface monolith can also be developed which would create a low permeability mass, reducing groundwater flow through the soil. However, this may preclude future construction at the Site. While the overall mass of contaminants is not reduced, contaminant mobility through fugitive dust and the dissolution of contaminants to groundwater is prevented.

Effectiveness: Solidification is effective on a wide range of contaminants including organics and metals. This technology would be effective in reducing source and exposure pathways and the mobility of all Site-related contaminants in soil; however, subsurface PCB concentrations would not be reduced.

Implementability: ISS can either be conducted through auguring the subsurface or by below-ground mixing utilizing a backhoe bucket. Auguring the subsurface while introducing solidification materials would create a monolith comprised of a series of overlapping columns of solidified material. ISS utilizing a backhoe would result in smaller and more manageable particle sizes, and be more amenable to the proposed future use of the Site.

An increase in the volume of the mixture will occur and require appropriate Site grading and potentially some off-site disposal of swell material if on-site re-use is not feasible.

Cost: The cost is considered to be moderate to high depending on the operation period and the amount of swell material which must be disposed off-site if an on-site re-use is not feasible.

Conclusion: In situ solidification is not retained.



11.2.4 Ex-Situ Treatment

Utilizing this method, contaminated soil is excavated by conventional equipment, treated on-site above ground, and then replaced on the Site if a Site re-use is identified, or disposed of off-site if on-site re-use is not feasible. Typical ex-situ treatment technologies are land farming and thermal treatment.

Ex-Situ Land Farming

Effectiveness: Land farming methods reduce contamination in soil by spreading the excavated soil on the land surface and applying additives to increase the natural attenuation process (oxidation, biological activity, ultra violet sunlight, volatilization). The soils are contained and any leachate/surface water is collected and treated. The soil is usually turned over using mechanical means. This treatment method is effective for most organic compounds and has been used to chelate metals.

Implementability: Excavation and Ex-Situ treatment through land farming would require multiple handlings of contaminated soil, first through excavation, secondly through turning the soil over, and thirdly through on-site backfilling. This multi-staged approach would require a longer implementation time and additional measures to mitigate potential impacts to nearby receptors.

Cost: The relative cost of this technology is anticipated to be moderate.

Summary: Ex-Situ Land Farming is not retained

Ex-Situ Thermal Treatment

Effectiveness: Thermal treatment methods employ heat to increase the mobilization of contaminants via volatilization and viscosity reduction or to incinerate contaminants. The soil is usually excavated and transported to a thermal treatment unit that uses an electric or gas-fired rotary kiln or fire box to heat the soils, with collection and treatment of the off gases. The treated soils would then be tested and placed back in the excavation. However, intermediate (thermal desorption) or high temperature (incineration) thermal treatment would be required to effectively remediate for PCBs. Thermal treatment would have limited effect on metals contamination.

Implementability: Excavation and Ex-Situ treatment through thermal treatment would require multiple handling of contaminated soil, first through excavation and secondly through treatment. The treated/remediated soil would then be handled a third time to backfill the excavation. This multi-staged approach would require a longer implementation time and additional measures to mitigate potential impacts to nearby receptors.

Cost: The relative cost of this technology is anticipated to be high.

Summary: Ex-Situ Thermal Treatment is not retained.



11.3 Site Management Plan

An SMP will identify the institutional controls and engineering controls (IC/EC) including vapor intrusion controls. The SMP may require vapor mitigation system monitoring at regular intervals. The SMP will also include provisions for monitoring groundwater in and downgradient of the southwestern portion of the Site. Further, the SMP will identify excavation protocols, in particular, procedures for soil characterization, handling, and health and safety measures to be undertaken during future on-site excavation activities for construction purposes to mitigate potential exposures to contaminated soil and identify the need for vapor intrusion monitoring and mitigation per NYSDOH air guidance for future structures.

Effectiveness: An SMP is an effective technology to mitigate potential human health exposures for current and future use scenarios.

Implementability: An SMP requiring long-term monitoring, and identifying necessary health and safety measures for future construction and soil vapor intrusion mitigation due to residual contamination would be implementable at the Site.

Cost: The SMP would pose a relatively low cost as it would be consistent with the proposed future use of the Site.

Summary: An SMP will be retained for use at the Site.

11.4 Summary of Retained Technologies

The following remedial technologies have been retained for use in the development of alternatives for the Site.

- No Action
- Site Management Plan (SMP)
- Excavation with Offsite Disposal
- Site Cap/Cover



12.0 DEVELOPMENT OF REMEDIAL ALTERNATIVES

This section combines the remedial technologies considered feasible for soil and groundwater into a list of remedial alternatives for the Site as a whole. The following remedial alternatives have been developed for the Site. They are described in detailed and evaluated in the following sections.

- Alternative 1 -** No Remedial Action.
- Alternative 2 –** Excavation and Off-site Disposal of All Soils Greater than NYSDEC Part 375 Unrestricted Use SCOs with Vapor Mitigation and SMP.
- Alternative 3 –** Excavation and Off-site Disposal of Soil with PCB Concentrations Greater than 10 ppm, Site Cover or Cap, Vapor Mitigation and SMP for Soils, Groundwater and Soil Vapor.

The technologies evaluated and retained in Section 11.4, are assembled into remedial alternative for the Site and then each alternative is evaluated against NYSDEC criteria and each other.

12.1 Description of Alternatives

12.1.1 Alternative 1 – No Remedial Action

No Remedial Action and SMP is an Alternative that recognizes the remediation of the Site completed by the IRMs and requires a deed restriction on property use and a SMP. This alternative maintains engineering controls and includes institutional controls, in the form of an SMP, necessary to protect public health and the environment from contamination remaining at the Site after the IRMs.

Size and Configuration

A deed restriction would be prepared by the owner and registered with the recorder of deeds.

The SMP would be prepared by a professional engineer and include:

- environmental easements restricting the use and redevelopment of the Site;
- controls and procedures necessary for soil characterization, handling, and health and safety measures, to manage residual risks present at the Site including those related to contaminated soils that may be excavated from the Site during future construction activities;
- an evaluation of the potential need for vapor intrusion monitoring and mitigation per NYSDOH air guidance for future structures developed on the Site;
- installation of a shallow bedrock monitoring well network in the southwestern portion of the Site to ensure that oil/contaminants are not migrating off-Site in groundwater;
- maintaining deed restrictions for groundwater use restrictions as a source of potable water, and;



- The cost estimate is presented in Table 12-1.

Time for Remediation

The restrictions and controls of the SMP would continue indefinitely.

Spatial Requirements

There would be no spatial requirements for this alternative.

Options for Disposal

There would be no substantial disposal requirements for this alternative. Disposal of materials collected during sampling and analysis would be minimal.

Permit Requirements

There would be no permits required for this alternative.

Limitations

Restrictions within the SMP in the absence of remediation would restrict future development at 683 Northland Avenue.

Impacts on Fish and Wildlife Resources

This alternative would not have an impact on fish and wildlife resources.

12.1.2 Alternative 2 – Excavation and Offsite Disposal of Soils to Meet Unrestricted Use SCOs, SMP

Alternative 2 includes removal and disposal of five (5) USTs and one (1) AST, excavation of all accessible soil with concentrations exceeding the Unrestricted Use SCO with vapor mitigation and SMP. The potential remediation area is shown on Figure 12-1. An estimated 41,850 tons of soil would be excavated and transported off-site for disposal. Contaminated soil would be disposed of off-site at permitted facilities. Verification samples would be collected from the bottom and sidewalls of the excavations to confirm Unrestricted Use SCOs have been achieved. For building interior areas, only limited excavations are presumed. It is possible that the endpoint samples will not meet Unrestricted Use SCOs and incrementally expanding interior excavation areas will not be feasible due to the new construction. Excavated soil would be subject to waste characterization testing prior to off-site disposal.

Size and Configuration

A deed restriction would be prepared by the owner and registered with the recorder of deeds and an SMP would be developed, these are common elements with Alternative 1. The components of the SMP are detailed in Section 12.1.1.

Additional elements of Alternative 2 include:

- Excavation and off-site disposal of up to 41,850 tons of contaminated soil;



- Trench Box or shoring during excavation may be required;
- All work will be performed within one construction season during non-winter months and within standard 8-hour work days, 5 days per week (22 days per month);
- Additional fencing or Site security will not be required during remediation;
- Air monitoring will be performed during excavation and personal protection equipment (PPE) levels may need to be upgraded based on action levels indicated within the Health and Safety Plan (HASP). For costing purposes, it is assumed that all work will be performed using Level D PPE;
- It is assumed that minimal dewatering will be necessary. Water encountered during excavation, decontamination water, and any other water potentially contaminated will be collected and transported off-site for disposal;
- Verification sampling will be conducted;
- PCB-contaminated soils will be properly disposed of under 6 NYCRR Part 371 and the Toxic Substances Control Act (TSCA);
- A Vapor Mitigation system will be installed in the office/administration portion of the building;
- Site restoration includes backfilling, as necessary, with off-site clean fill;
- Pavement or Topsoil and seed will be placed for erosion control; and,
- The cost estimate is presented in Table 12-2.

Time for Remediation

Construction is estimated to be completed in approximately 3 months. The restrictions and controls of the SMP would continue indefinitely.

Spatial Requirements

Adequate space is available on-site for construction equipment and necessary stockpiling.

Options for Disposal

Excavated soil would be characterized and disposed of off-site at a facility permitted to receive the waste. PCB-contaminated soils will be disposed of off-site under USEPA TSCA requirements.

Permit Requirements

Permit requirements for off-site transportation and disposal would have to be met.

Limitations

Substantial truck traffic on neighborhood roadways would have to be coordinated with the local community.

Impacts on Fish and Wildlife Resources

This alternative would not have an impact on fish and wildlife resources.



12.1.3 Alternative 3 – Excavation and Off-site Disposal of Soil with PCB Concentrations Greater than 10 ppm with Site Cap/Cover System

Alternative 3 includes removal and disposal of five (5) USTs and one (1) AST, excavation of soils with PCB concentrations greater than 10 ppm to meet NYSDEC Commissioner’s Policy-51 (CP-51) requirements, with a USEPA TSCA cap/cover system over remaining soils with CSCO exceedances (including PCB concentrations greater than 1 ppm but less than 10 ppm). This alternative has an environmental easement and SMP for soils and soil vapor. Figure 12-2 identifies the area to be remediated (excavated). All areas of the Site that are not excavated to meet CSCOs will be capped or covered with pavement, building floor slabs, or a clean soil cover that is a minimum of 1-foot thick. Clean cover soil or fill will meet the requirements for the identified Site use (commercial) as set forth in 6 NYCRR Part 375-6.7(d).

An estimated 4,275 tons of soils, with PCB concentrations greater than 10 ppm, would be excavated and transported off-site for disposal. Contaminated soil would be disposed of off-site at permitted facilities. Verification samples would be collected from the bottom and sidewalls of the excavation to confirm PCB concentrations less than 10 ppm have been achieved. Excavated soil would be subject to waste characterization testing prior to off-site disposal.

A TSCA soil cover or TSCA asphalt cover would be constructed over any areas where soil concentrations of PCBs are greater than 1 ppm and less than 10 ppm. Areas where other contaminants (i.e., SVOCs, or metals) are present at concentrations greater than CSCOs will be covered by the building floor, paved or covered with a minimum 1-foot thick layer of clean fill.

Size and Configuration

An environmental easement would be prepared by the owner and submitted to NYSDEC and a SMP would be developed, these are common elements with Alternative 1. The components of the SMP are detailed in Section 12.1.1.

Additional elements of Alternative 3 include:

- Excavation and off-site disposal of approximately 4,275 tons of contaminated soil;
- All work will be performed within one construction season during non-winter months and within standard 8-hour work days, 5 days per week (22 days per month);
- Additional fencing or site security will not be required during remediation;
- Air monitoring will be performed during excavation and PPE levels may need to be upgraded based on action levels indicated within the HASP. For costing purposes, it is assumed that all work will be performed using Level D PPE;
- It is assumed that minimal dewatering will be necessary. Water encountered during excavation, decontamination water, and any other water potentially contaminated will be collected and transported off-site for disposal;
- Verification sampling will be conducted;
- PCB-contaminated soils will be properly disposed under 6 NYSDEC Part 371 and TSCA;
- A Vapor Mitigation system will be installed in the office/administration portion of the building;



- Site restoration includes backfilling of excavation areas with off-site soil;
- The surface in areas where residual PCB contamination in excess of 1 ppm will be covered with a TSCA cap. Areas where other contaminants (i.e., SVOCs, or metals) are present at concentrations greater than CSCOs will be covered by the building floor, paved or covered with a minimum 1-foot thick layer of clean fill; and,
- The cost estimate is presented in Table 12-3.

Time for Remediation

Construction is estimated to be completed in less than four months. The restrictions and controls of the SMP would continue indefinitely.

Spatial Requirements

Adequate space is available on-site for construction equipment and necessary stockpiling.

Options for Disposal

Excavated soil would be characterized prior to acceptance as on-site backfill or disposed of off-site as appropriate. PCB-contaminated soil would be disposed of in accordance with TSCA requirements. SVOC and metals-contaminated soil would be disposed off-site at a permitted facility following appropriate characterization testing.

Permit Requirements

Permit requirements for off-site transportation and disposal would have to be met.

Limitations

Substantial truck traffic on neighborhood roadways would have to be coordinated with the local community.

Impacts on Fish and Wildlife Resources

This alternative would not have an impact on fish and wildlife resources.

12.2 Description of Evaluation Criteria

Each of the alternatives is subjected to a detailed evaluation with respect to the criteria outlined in NYSDEC DER-10 and described below. This evaluation aids in the selection process for remedial actions in New York State.

12.2.1 Overall Protection of Public Health and the Environment

This criterion is an assessment of whether the alternative meets requirements that are protective of human health and the environment. The overall assessment is based on a composite of factors assessed under other evaluation criteria, particularly long-term effectiveness and performance, short-term effectiveness, and compliance with SCOs. This evaluation focuses on how a specific alternative achieves protection over time and how Site risks are reduced. The analysis includes how the source of contamination is to be eliminated, reduced, or controlled.



12.2.2 Compliance with Standards, Criteria, and Guidance (SCGs)

This criterion determines whether or not each alternative complies with applicable environmental laws, and SCGs pertaining to the chemicals detected in contaminated media, the location of the Site, and relating to proposed technologies. A discussion is included on any necessary waivers.

12.2.3 Long-Term Effectiveness and Permanence

This criterion addresses the performance of a remedial action in terms of its permanence and the quantity/nature of waste or residuals remaining at the Site after implementation. An evaluation is made on the extent and effectiveness of controls required to manage residuals remaining at the Site and the operation and maintenance systems necessary for the remedy to remain effective. The factors that are evaluated include permanence of the remedial alternative, magnitude of the remaining risk, adequacy of controls used to manage residual contamination, and the reliability of controls used to manage residual contamination.

12.2.4 Reduction of Toxicity, Mobility, or Volume with Treatment

This criterion assesses the remedial alternative's use of technologies that permanently and significantly reduce TMV of the contamination as their principal element. Preference is given to remedies that permanently and significantly reduce the TMV of the wastes at the Site.

12.2.5 Short-Term Effectiveness

This criterion assesses the effects of the alternative during the construction and implementation phase with respect to the effect on human health and the environment. The factors that are assessed include protection of the workers and the community during remedial action, environmental impacts that result from the remedial action, and the time required until the RAOs are achieved.

12.2.6 Implementability

This criterion addresses the technical and administrative feasibility of implementing the alternative and the availability of various services and materials required during implementation. The evaluation includes the feasibility of construction and operation, the reliability of the technology, the ease of undertaking additional remedial action, monitoring considerations, activities needed to coordinate with regulatory agencies, availability of adequate equipment, services and materials, off-site treatment, and storage and disposal services.

12.2.7 Cost



Operations, maintenance and monitoring (OM&M) costs are estimated for each alternative and presented on a present worth basis based on a 5% discount rate. Cost estimates for the remedial alternatives are summarized on Tables 12-1 through 12-3.

12.2.8 Community and State Acceptance

Concerns of the State and the Community will be addressed separately in accordance with the public participation program developed for this Site.



13.0 DETAILED ANALYSIS OF ALTERNATIVES

13.1 Alternative 1 – No Action

13.1.1 Overall Protection of Public Health and the Environment

Alternative 1 is not protective of human health or the environment except through deed and Site use restrictions. Under the future commercial use of the Site scenario, Alternative 1 does not protect human health and the environment.

13.1.2 Compliance with Standards, Criteria, and Guidance (SCGs)

Alternative 1 does not comply with the SCGs (SCOs) developed for the Site.

13.1.3 Long-Term Effectiveness and Permanence

Alternative 1 is not an effective or permanent remedy for the contaminants present at the Site. Residual contamination would exist at current concentrations and levels. The SMP would include substantial IC/ECs to protect human health and the environment and would preclude future use of the Site.

13.1.4 Reduction of Toxicity, Mobility, or Volume with Treatment

Alternative 1 does not reduce the TMV of contaminants present at the Site, except by natural attenuation processes.

13.1.5 Short-Term Effectiveness

Alternative 1 poses the fewest short term impacts to workers and the community from construction activities. RAOs will not be met with Alternative 1.

13.1.6 Implementability

Alternative 1 would be the most implementable due to the lack of construction activities included.

13.1.7 Cost

The cost of the development of the SMP and the Deed Restriction/Environmental Easement are estimated to be \$20,000 and are reported on Table 12-1.



13.2 Alternative 2 – Excavation and Offsite Disposal of Soils to Meet Unrestricted Use SCOs, SMP

13.2.1 Overall Protection of Public Health and the Environment

Alternative 2 is protective of human health and the environment and would meet presumptively meet SCOs for soil at the Site with potential limitations within the building footprint. An SMP would be implemented for the vapor mitigation system (and any sub-slab residual soil contamination) to be protective of human health.

13.2.2 Compliance with Standards, Criteria, and Guidance (SCGs)

Soil SCOs would be met at the Site following excavation and off-site disposal of soil exceeding Unrestricted Use SCOs.

13.2.3 Long-Term Effectiveness and Permanence

Excavating contaminated soil would be effective for COPCs, and permanent in the long term. Additional remedial measures would not be required for soils at the Site. A vapor mitigation system would be required for an indefinite period.

13.2.4 Reduction of Toxicity, Mobility, or Volume with Treatment

Excavation and off-site disposal of contaminated soil would reduce the volume of contaminants at the Site. The vapor mitigation system would prevent vapor intrusion and contaminated soil vapor impacts to indoor air.

13.2.5 Short-Term Effectiveness

Excavation of the large volume of contaminated soil would pose short-term impacts on workers, the nearby community, and the environment. Health and safety measures such as air monitoring, dust control, and erosion control would be necessary during construction to mitigate any impacts. Truck traffic would have to be coordinated due to the large number required for off-site disposal of non-reused material. The RAOs for soil to eliminate or reduce Site contamination and potential for exposure would be met upon completion of excavation activities.

13.2.6 Implementability

Excavation with off-site disposal is a widely-used, conventional remedial technology. Equipment and trained personnel should be readily available. Excavated material will be classified as hazardous or non-hazardous and transported and disposed in accordance with applicable regulatory



requirements. Adequate health and safety measures must be undertaken for the proposed remediation that will occur adjacent to a residential neighborhood.

13.2.7 Cost

The cost of excavation and off-site disposal of material exceeding Unrestricted Use criteria, as well as the cost of the development of the SMP is estimated to be \$5,267,899. The costs are summarized on Table 12-2.

13.3 Alternative 3 – Excavation and Off-site Disposal of Soil with PCB Concentrations Greater than 10 ppm and Cover or Cap

13.3.1 Overall Protection of Public Health and the Environment

Alternative 3 is protective of human health and the environment. Site soil with PCB concentrations exceeding 10 ppm would be excavated and disposed off-site. A TSCA cover (soil, concrete or asphalt) would be applied in any area where residual PCB concentrations exceed 1 ppm and a clean cover or pavement (concrete or asphalt) would be used as a cover in all other portions of the Site where there are CSCO exceedances to ensure that any soil with CSCO exceedances is not exposed. An SMP would be implemented for the vapor mitigation system and for the Site cover system to be protective of human health.

13.3.2 Compliance with Standards, Criteria, and Guidance (SCGs)

Soil would not comply with the 6 NYCRR Part 375 CSCOs, however, NYSDEC CP-51 Soil Cleanup Guidance Policy states that an acceptable presumptive remedy for soil may include a soil cleanup level for PCBs of 1 ppm (the applicable SCO) in the surface soils and 10 ppm in subsurface soil provided that a Track 4 cleanup is being implemented, site use restrictions are placed and ecological resources are not impacted. In addition soil containing PAHs at concentrations greater than 500 ppm and/or exhibiting visual or olfactory indicators of gross contamination may not remain on Site under a cover system. Alternative 3 will comply with the presumptive remedy of subsurface soil cleanup to 10 ppm and the total PAH concentration less than 500 ppm. .

13.3.3 Long-Term Effectiveness and Permanence

Excavating contaminated soil and construction of a cap/cover system would be effective for the COPCs, and permanent in the long term. A vapor mitigation system would be required for an indefinite period. Additional remedial measures would not be required at the Site as long as the soil cap/cover and Site management and site use restrictions detailed in the SMP were enforced.

13.3.4 Reduction of Toxicity, Mobility, or Volume with Treatment



Excavation and off-site disposal of contaminated soil would reduce the volume of contaminants at the Site. Mobility of the soil contaminants remaining at the Site through fugitive dust will be mitigated by the cap/cover system.

13.3.5 Short-Term Effectiveness

Excavation of contaminated soil would pose short-term impacts on workers, the nearby community, and the environment. Health and safety measures such as air monitoring, dust control, and erosion control would be necessary during construction to mitigate any impacts. Truck traffic would have to be coordinated due to the large number required for off-site disposal of non-reused material. The RAOs for Soil - to eliminate or reduce Site contamination and potential for exposure - would be met upon completion of excavation activities and construction of a cap/cover system.

13.3.6 Implementability

Excavation with off-site disposal is a widely-used, conventional remedial technology. Equipment and trained personnel should be readily available. Excavated material will be classified as hazardous or non-hazardous and transported and disposed of in accordance with 6 NYCRR Part 371 and TSCA. Adequate health and safety measures must be undertaken for the proposed remediation that will occur adjacent to a residential neighborhood.

13.3.7 Cost

The cost of the excavation and cap/cover system, as well as the cost of the development of the SMP is estimated to be \$2,405,730 and are summarized on Table 12-3.



14.0 RECOMMENDED REMEDIAL ALTERNATIVE

Alternatives were developed and evaluated for remediation at the 683 Northland Avenue Site. The evaluation of alternatives was conducted using the remedial RAOs and SGVs identified for the Site to provide source and exposure pathway eliminations. Soil remediation areas and volumes were calculated to meet Unrestricted Use SCOs and CSCOs.

14.1 Basis for Recommendation

Alternative 1, the No Action Alternative was rejected because it does not provide protection to human health and the environment, does not meet SGVs, and does not satisfy RAOs. Alternative 2 was rejected because of the longer time to implement, greater cost when compared to Alternative 3, and concern that the Unrestricted Use SCOs may not be feasible to achieve beneath the existing building floor. Alternative 3 is consistent with the current and future use of the Site as commercial.

Alternatives 2 and 3 would be protective of human health and the environment and meet RAOs for the Site. These alternatives would be implementable and require health and safety measures to protect workers and the community during remediation.

Both Alternative 2 and Alternative 3 include off-site disposal of excavated soil at a nearby facility thereby meeting soil RAOs and reducing the volume of contaminants. Alternative 2 would result in the least amount of residual contamination, but is also the longest to implement, the most intrusive and costly. Alternative 3 also would significantly reduce the amount of residual contamination, would meet NYSDEC Part 375 Track 4 cleanup provisions, and is consistent with the current and future use of the Site.

Alternative 3 would result in the most cost effective and feasible way to reduce the contamination to reasonable levels at the Site, with only small amounts of residual soil contamination remaining. The impacts of the residual soil contamination is mitigated by a cap/cover system.

Based on the evaluation, Alternative 3 – Excavation and Off-site Disposal of PCB contaminated soils above 10 ppm, with a cap/cover system, vapor mitigation system and SMP, is the recommended remedy for the Site. Alternative 3 is protective of human health and the environment and would result in the most cost effective and feasible way to reduce the contamination in soils to levels that comply with NYSDEC Part 375 Track 4 and CP-51 presumptive remedy requirements at the Site, with relatively small amounts of residual contamination. By including the cap/cover system, a vapor mitigation system and SMP, Alternative 3 meets RAOs for soil and indoor air/soil vapor at the Site.

14.2 Recommended Remedial Alternative Components

The components of the recommended remedy include:



- A SMP will identify the IC/ECs including restrictions on the use of the property, management of soils, maintenance of the cap/cover system, and maintenance of the vapor mitigation system. The SMP will also include provisions for monitoring groundwater in and downgradient of the southwestern portion of the Site. Further, the SMP will identify excavation protocols, in particular, procedures for soil characterization, handling, and health and safety measures to be undertaken during future on-site excavation activities for construction purposes to mitigate potential exposures to contaminated groundwater, as well as residual soil contamination and potential soil vapor.
- Approximately 4,275 tons of contaminated soil will be excavated from the areas identified on Figure 12-2.
- Vapor mitigation system sub-slab depressurization infrastructure will be installed beneath the 4-story office/administration building and the adjoining manufacturing space area to the south.
- Supplemental investigation of shallow bedrock will be conducted to evaluate the extent of oil contamination discovered during IRM Number 2 and to determine if there are any dissolved phase groundwater impacts associated with the oil.
- To ensure compliance with the NYSDEC Track 4 requirements a cap/cover system should be applied over any areas that exceed CSCOs at the Site. The cap/cover may be comprised of certified clean soil, asphalt, and/or concrete. Soil cover will be used only in areas where landscaping is planned and those areas will be planted for erosion control.



15.0 PROPOSED REMEDIAL ACTION WORK PLAN

15.1 Description of Remedy

The proposed remedy is Alternative 3: Excavation and Off-Site Disposal (with cover/cap, vapor mitigation and SMP). Alternative 3 includes removal and disposal of five (5) USTs and one (1) AST, excavation of soils with PCB concentrations greater than 10 ppm to meet USEPA TSCA requirements, and excavation of soils with total PAH concentrations greater than 500 ppm and/or any soils exhibiting visual or olfactory indicators of gross contamination to meet NYSDEC applicable standards, criteria and guidance. The remaining soils with CSCO exceedances will have a cap/cover system installed. . This alternative has a deed restriction and SMP for soils, groundwater, oil, and soil vapor. Figure 12-2 identifies the two areas to be excavated. All portions of the Site that are not excavated to meet CSCOs will be capped or covered with pavement, building floor slabs, or a clean soil cover that is a minimum of 1-foot thick.

An estimated 4,275 tons of soil, with PCB concentrations greater than 10 ppm, would be excavated and transported off-site for disposal. This soil volume includes soils with total PAHs greater than 500 ppm. Contaminated soil would be disposed of off-site at permitted facilities. Verification samples would be collected from the bottom and sidewalls of the excavations to confirm PCB concentrations less than 10 ppm have been achieved. Excavated soil would also be subject to waste characterization testing prior to off-site disposal.

As shown on Figure 12-2, there are two separate excavation areas. Each excavation will be excavated until the underlying native silty clay unit is encountered (or top of bedrock if silty clay is not present). The silty clay is estimated to be present at approximately 8 feet below grade. Deeper excavation may be required if verification samples do not meet the PCB cleanup objective.

A TSCA soil cover or TSCA asphalt cover would be constructed over any areas where soil concentrations of PCBs are greater than 1 ppm and less than 10 ppm. Areas where other contaminants (i.e., SVOCs, or metals) are present at concentrations greater than CSCOs, will be covered by the building floor, paved or covered with a minimum 1-foot thick layer of clean fill.

New paved parking lot/access way and landscape areas will be constructed west of the building and at the northeastern portion of the building. Landscape areas will be covered with a minimum 1-foot thick layer of clean fill. Existing asphalt pavement is to remain in the southwestern and southern portions of the Site.

A Soil Vapor Mitigation System infrastructure would be installed in the 4-story office/administration building and the manufacturing area immediately to the south. Additional sub-slab vapor testing will be conducted after the building has a functioning HVAC system to confirm the extents of the affected area that will require mitigation. Based on current data, the vapor mitigation system will likely consist of a sub-slab depressurization system and installation of a vapor barrier on new concrete floors or floor leveling concrete slabs.

Shallow bedrock monitoring wells would be installed in the southwestern portion of site to



determine if there are any impacts to dissolved phase groundwater and to monitoring for potential off-site contaminant migration. A plan for the shallow bedrock monitoring well network and monitoring requirements will be incorporated into the SMP.

15.2 Mobilization and Staging

A small office or office trailer would be set up in a clean area for on-site personnel. It is anticipated that all work will be performed within one construction season and within standard 8-hour work days, five days per week (22 days per month). The excavation and backfilling activities are anticipated to be completed in one month. Paving and Site cover (landscaping) will be completed within a two-month period.

A soil staging/stockpile area will be constructed to prevent the spread of any contamination to surrounding uncontaminated soils and surfaces. The staging area will have bermed sides and be lined with a minimum 20-mil high-density polyethylene (HDPE) watertight liner. Within the bermed area, there will be a sump or similar feature to allow the removal of any liquids that may accumulate within the staging area. Staged materials will be covered with a minimum of 20-mil HDPE cover to prevent contaminated runoff, wind blowing, or dust generation.

A decontamination pad will be set up in a central area near the excavations. The decontamination pad will provide for cleaning equipment used for excavation prior to leaving the Site. Decontamination water will be collected in a sump and pumped to a storage/settling tank. Fluids would be removed from the storage/settling tank and transported off-site for disposal.

Dust monitoring will be conducted and dust control measures (e.g., wetting of dry surfaces in the work areas) would be implemented to prevent off-site migration of contaminated airborne particulates.

Real-time community air monitoring will be performed during soil excavation activities at the Site. Community air monitoring will be performed in accordance with “New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan,” dated June 20, 2000. Particulate and VOC monitoring will be performed along the upwind and downward perimeter of the work area during excavation and soil handling activities in accordance with this plan.

Additional fencing and site security are not anticipated for this remedial work.

15.3 Petroleum USTs and AST Removal and Closure

The USTs and AST will be closed-removed in accordance with the following regulations:

- 6 NYCRR Part 612 Registration of Bulk Storage Facilities
- 6 NYCRR Part 613 Handling and Storage of Petroleum
- 6 NYCRR Part 614 Standards for New and Substantially Modified Petroleum Storage Facilities



- NYSDEC Memo #1 NYSDEC Spill Technology and Remediation Series (STARS) Memo #1: Petroleum-Contaminated Soil Guidance Policy
- NYSDEC Guidance NYSDEC Spill Prevention Operations Technology Series (SPOTS) No. 14: Document Site Assessments at Bulk Storage Facilities

The procedures for closing the tanks shall include, but not be limited to the following:

1. Remove all product that can be pumped out.
2. Drain and flush piping into the tanks.
3. Remove remaining liquid from the tanks.
4. All exposed piping, gauge lines, and dispensers, with the exception of the vent lines, shall be removed and disposed of. The remaining pipes shall be capped.
5. The tank storage systems, including all tanks and piping, shall be purged of flammable vapors.
6. The interior of the tanks shall be cleaned with absorbent pads or other approved methods.
7. The tanks shall be rendered useless by cutting or drilling and removed and disposed of in accordance with API RP 1604.

All tanks shall be completely decontaminated prior to removal from the Site. The Contractor shall transport and dispose of the tanks in accordance with all applicable City of Buffalo, State and Federal regulations.

Any observably contaminated soil will be over-excavated from the area adjacent to the USTs. Excavated soil will be characterized and disposed of at a facility permitted to accept the waste.

If no groundwater in the excavation, then discrete center line confirmation soil samples will be collected from the bottom of the excavation as follows:

- A) at a frequency equal to the total length of the tank in feet divided by five (minimum of one sample);
- B) samples are to be spaced equidistantly;
- C) the outermost samples obtained should be greater than 2.5 feet from each respective end of the tank;
- D) if the total length of a tank in feet is not evenly divisible by five, one additional sample should be obtained for any fraction remaining; and,
- E) a minimum of one groundwater sample(s), using a DER approved technique, must be taken within 25 feet hydraulically down gradient from the tanks that are not colocated if the product stored is gasoline and groundwater is within 20 feet of the surface or otherwise requested by DER.
- F) Discrete side wall sample around each tank excavation will be collected at a frequency of one sample from each sidewall for every 30 linear feet of sidewall

Bedrock conditions will be visually monitored for any evidence of oil migration from the USTs to bedrock. Samples collected for analysis shall be analyzed for VOCs, SVOCs, PCBs and metals.



If groundwater is present in the excavation then discrete center line soil samples from the bottom of the excavation are required as follows:

- A) at a frequency equal to the total length of the tank in feet divided by five (minimum of one sample);
- B) samples are to be spaced equidistantly;
- C) the outermost samples obtained should be greater than 2.5 feet from each respective end of the tank;
- D) if the total length of a tank in feet is not evenly divisible by five, one additional sample should be obtained for any fraction remaining; and
- E) a minimum of one groundwater sample(s), using a DER approved technique, must be taken within 25 feet hydraulically down gradient from the tanks that are not colocated if the product stored is gasoline and groundwater is within 20 feet of the surface or otherwise requested by DER.
- F) Discrete side wall sample around each tank excavation will be collected at a frequency of one sample from each sidewall for every 30 linear feet of sidewall

In the event that excavations extend downward to the bedrock surface, excavation bottom samples will not be collected. Samples collected for analysis shall be analyzed for VOCs, SVOCs, PCBs and metals.

15.4 Soil Excavation, Off-Site Disposal and Confirmatory Sampling

Excavation & Off-site Disposal: All excavation would be carried out with an excavator large enough to reach required depth at the Site (up to approximately 11 feet in the western excavation area). The walls of the excavation would be adequately shored, sloped or stepped to prevent cave-ins and washouts, and to allow access for excavators. The excavated contaminated soils would be either stockpiled or directly loaded in to dump trucks for off-site disposal. If direct loading is used, soil will be pre-characterized in-place for disposal facility requirements. Trucks would be lined and covered during transport to the disposal facility. Soil from stockpile(s) will be characterized using the testing frequency specified in Table 5.4(e)10 of NYSDEC DER-10. Once characterized, the staged soils will be removed and transported to a disposal facility permitted to receive the waste.

All excavated fill and soil from within the two excavation areas shall be considered, at minimum, non-hazardous contaminated soil and disposed of off-site as PCB remediation waste at a permitted landfill or disposal facility.

Post-excavation Sampling: Non UST excavation sidewall and bottom samples will be collected from the smaller excavation (west of the sewer line) at a frequency of one sample every 30 linear feet for sidewall and one bottom sample every 900 square feet of bottom area. In the larger excavation, east of the sewer line, sidewall samples will be collected at the same frequency. However, since the excavation will be advanced to bedrock, no bottom samples will be collected.



All confirmatory soil samples will be analyzed for CSOCs including PCBs, VOCs, SVOCs, and metals. The Remedial Investigation Quality Assurance Project Plan will be used to establish QA/QC procedures for the post-excavation sampling and analysis.

15.5 Excavation Water Disposal

The RI indicated that the Site overburden was relatively dry; however, perched water may be present depending on the precipitation levels around the time of the work. If an oil water mixture infiltrates any excavation or if dewatering is required, excavation water would be pumped into a storage/holding tank. Water/oil within the storage/holding tank would be removed and properly disposed of off-site.

15.6 Backfilling

Confirmatory Sample results will be compared to CSCOs and submitted to NYSDEC for concurrence prior to backfilling. The excavations will be backfilled with environmentally clean imported backfill materials meeting the requirements of 6NYCRR Part 375-6.7(d) for commercial use or with on-site soil that is excavated to meet grading requirements and which meets commercial SCOs or site-specific action levels. All imported or site-derived fill material will be tested using the testing frequency specified in Table 5.4(e)10 of NYSDEC DER-10. LiRo will submit a NYSDEC Request to Import/Reuse Fill or Soil form for all materials used to backfill the excavations.

15.7 Site Cap/Cover System

A TSCA soil cover or TSCA asphalt cover would be constructed over any areas where soil concentrations of PCBs are greater than 1 ppm and less than 10 ppm. Areas where other contaminants (i.e., SVOCs, or metals) are present at concentrations greater than CSCOs will be covered by building floor, paved or covered with a demarcation layer and a minimum of 1-foot thick layer of clean fill. Newly constructed hardscaped areas will include a demarcation layer, an appropriate clean fill subbase and asphalt/concrete surface layer.

Clean fill or clean soil for cover is required to meet the requirements for the identified site use (commercial) as set forth in 6 NYCRR Part 375-6.7(d). The Site Cap/Cover system will be constructed in conjunction with the property redevelopment.

New paved parking lot/driveways and landscape areas will be constructed west of the building and along the northeastern portion of the building. A site cover system plan is provided in Appendix G. Landscape areas will be covered with a minimum 1-foot thick layer of clean fill. Only a small area of existing pavement will remain south of the building. Soil data south of the building reported no SVOCs above SCLs. Construction details for any new/existing paving or landscaping that will serve as final site cover will conform to local approved building permits for the site, be certified and included in the Final Engineering Report to NYSDEC.



15.8 Soil Vapor Mitigation System

A Soil Vapor Mitigation System would be installed in the office/administration portion of the building. Based on the single RI sub-slab vapor point that indicated a potential trichloroethylene concern, additional pre-design sub-slab vapor testing is proposed to determine the size of the affected area and to confirm the RI sample result. This testing will be completed in conjunction with a full soil vapor assessment to be conducted after the building is closed to the atmosphere. Based on current data, the vapor mitigation system in the office-administration building and northern portions of the manufacturing area will likely consist of a sub-slab depressurization system.

The results of the full soil vapor intrusion assessment will be used to determine which portions of the building will require an active sub-slab depressurization system.

15.9 Health and Safety

Temporary controls will be employed for protection against off-site migration of soil and safety hazards during the remedial work. The work will be performed by workers who are trained and certified as required for specific tasks. The subsurface soil abatement/soil remediation Contractor shall be required to develop a written Health and Safety Plan (HASP) that will comply with all applicable federal and state regulations protecting human health and the environment from the hazards posed by activities during this Site remediation.

15.10 Community Air Monitoring Plan

Real-time community air monitoring will be performed during soil excavation activities at the Site. Community air monitoring will be performed in accordance with “New York State Department of Health Generic Community Air Monitoring Plan,” dated June 20, 2000. Particulate and VOC monitoring will be performed along the upwind and downward perimeter of the work area during subgrade excavation and soil handling activities in accordance with this plan.

15.10.1 Soil Vapor Monitoring

During subsurface soil excavation, LiRo’s Environmental Technician will perform vapor monitoring using a daily calibrated PID. Volatile organic compounds (VOCs) will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The equipment will be capable of calculating 15-minute running average concentrations. If total organic vapor levels at the perimeter downwind location exceed the perimeter upwind location by 5 parts per million (ppm), a Vapor Emission Response Plan will be implemented. A sample Vapor Emissions Response Plan, which includes dust suppression techniques, is included as Appendix F.



15.10.2 Particulate Monitoring

Particulates will be monitored upwind and downwind at points 25 feet from the perimeter of the work area during the soil excavation and soil load-out activities using a TSI 8520 DustTrack particulate monitor or equivalent. The instrument shall provide real-time monitoring and will be configured to measure particulate matter less than 10 micrometers in size (PM-10). The instrument will be programmed to integrate readings over a period of 15 minutes for comparison to the airborne particulate action level. If the difference between the measured upwind and downwind concentrations is greater than or equal to 100 ug/m³ all work activities must be stopped and dust suppression methods employed. Work may resume only after the measured upwind/downwind difference has been reduced to less than 150 ug/m³.

15.11 Quality Assurance Project Plan

All analytical testing will be performed by a laboratory that is a participant in the NYSDOH Environmental Laboratory Accreditation Program. Any soil sampling performed by LiRo for the subsurface soil excavation work will follow the QAPP submitted in the “Remedial Investigation Work Plan” submitted by LiRo and approved by NYSDEC on December 22, 2016.

15.12 Monitoring and Reporting

A LiRo Environmental Scientist will be on-site on a full-time basis under the supervision of a Professional Engineer to document the remedial activities and to provide any required air monitoring and soil sampling. Documentation will include at a minimum, daily reports of remedial activities, air monitoring results, photographs, and sketches. In addition, the horizontal and vertical extent of all excavations must be surveyed to document the extent of remedial excavation. These extents will be shown on a figure that is stamped by a professional engineer licensed to practice in New York State.

Standard daily reporting procedures will include preparation of a daily report, and when appropriate, problem identification and corrective measures report. Information that may be included on the daily report form includes:

- Approximate sampling locations (sketches) and sample designations.
- Processes and locations of activities under way.
- Equipment and personnel working in the area, including subcontractors.
- Approximate volume and description of materials removed (i.e., hazardous and non-hazardous materials soil).
- Number and type of truckloads of materials removed from the Site.

The completed reports will be submitted to the NYSDEC as part of the Final Engineering Report. Photo documentation of the remedial activities will be prepared by the Environmental Scientist throughout the duration of the project as necessary to convey typical work activities and whenever



changed conditions or unexpected circumstances are encountered. LiRo will provide remedial oversight to evaluate the on-going adequacy of the RAWP and to ensure that all activities are conducted in accordance with this Work Plan.

15.13 Schedule

The following schedule is anticipated for the remedial action:

- | | |
|---------------------------------|------------------|
| ➤ Contractor Submittals | January 2018 |
| ➤ Site Excavation/Backfill Work | May – June 2018 |
| ➤ Site Cover/Cap Work | June – July 2018 |
| ➤ Final Engineering Report | October 2018 |

15.14 Institutional Controls

Institutional controls (IC) would be established as required for the final remedy since this Site is anticipated to be cleaned up to NYSDEC Part 375 Track 4 restricted commercial use standards. The institutional controls would restrict activities on the Site and protect current and future users from exposure to the residual environmental contamination at the Site. The following would be part of the IC:

- An environmental easement as per NYSDEC requirements in DER-10
- Limitations on site use based on the proposed remedial action

15.15 Site Management Plan

A Site Management Plan (SMP), with associated vapor mitigation system monitoring and soils management, would be prepared in accordance with DER-10 after the completion of the remedial field work. The SMP would include the activities listed below that are necessary for the proper and effective management of the institutional controls and to monitor the effectiveness of the implemented remedy.

- Environmental easements restricting the use and re-development of the Site for either commercial or industrial uses..
- Institutional and engineering control (IEC): Restrictions on site use would be described in detail in the IEC plan along with steps necessary for its implementation and periodic certification.
- Control measures and procedures necessary for soil characterization, handling, and health and safety measures to manage residual risks present at the Site including those related to contaminated soils that may be excavated from the Site during future construction activities.
- An evaluation of the vapor intrusion monitoring and mitigation per NYSDOH air guidance.
- Installation and monitoring requirements for a shallow bedrock groundwater monitoring well network in the southwestern portion of the Site.
- Routine maintenance of Site Cap/Cover system.



- Corrective Measures: Procedures for corrective measures such as repairs to erosion of the soil cover or damages to the asphalt/concrete surfaces.
- Reporting: The results of all inspections, corrective actions and monitoring would be reported in the Periodic Review Report (PRR) for the Site.



16.0 REFERENCES

Fisher Associates, Phase I Environmental Site Assessment, 631, 683, 741, and 777 Northland Avenue, June 2015.

Fisher Associates, Phase II Environmental Site Assessment, 631, 683, 741, and 777 Northland Avenue, September 2015.

Fisher Associates, Supplemental Phase II Environmental Site Assessment, 683 Northland Avenue, January 2016.

LiRo Engineers Inc., Remedial Investigation Work Plan, Western New York Workforce Training Center, 683 Northland Avenue, Buffalo, New York, December 2016.

New York State Department of Environmental Conservation Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10), May 3, 2010.

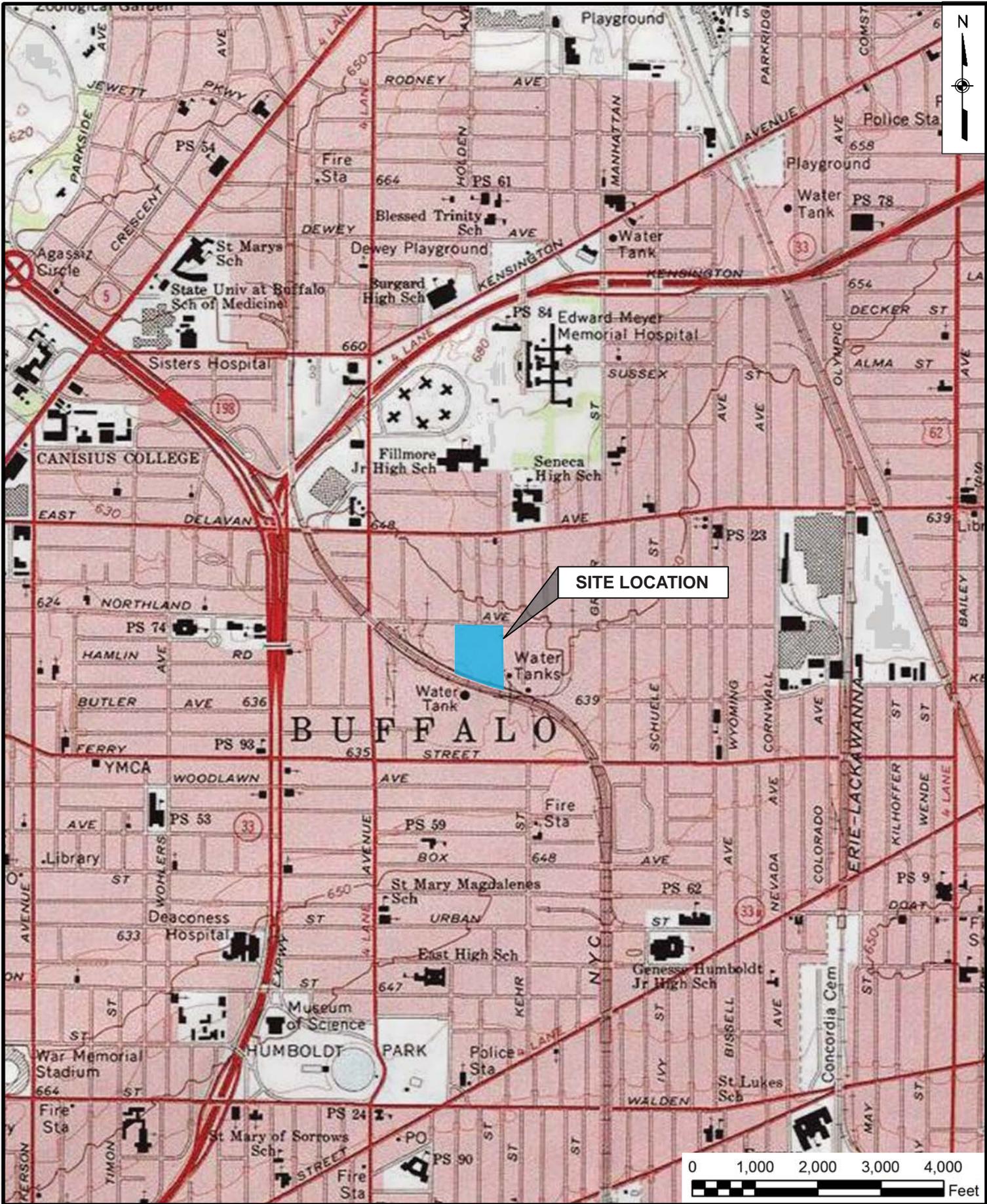
New York State Department of Health, "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", October 2006.

6 NYCRR Part 375 Environmental Remediation Programs, Effective December 14, 2006.

New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series 1.1.1.



FIGURES



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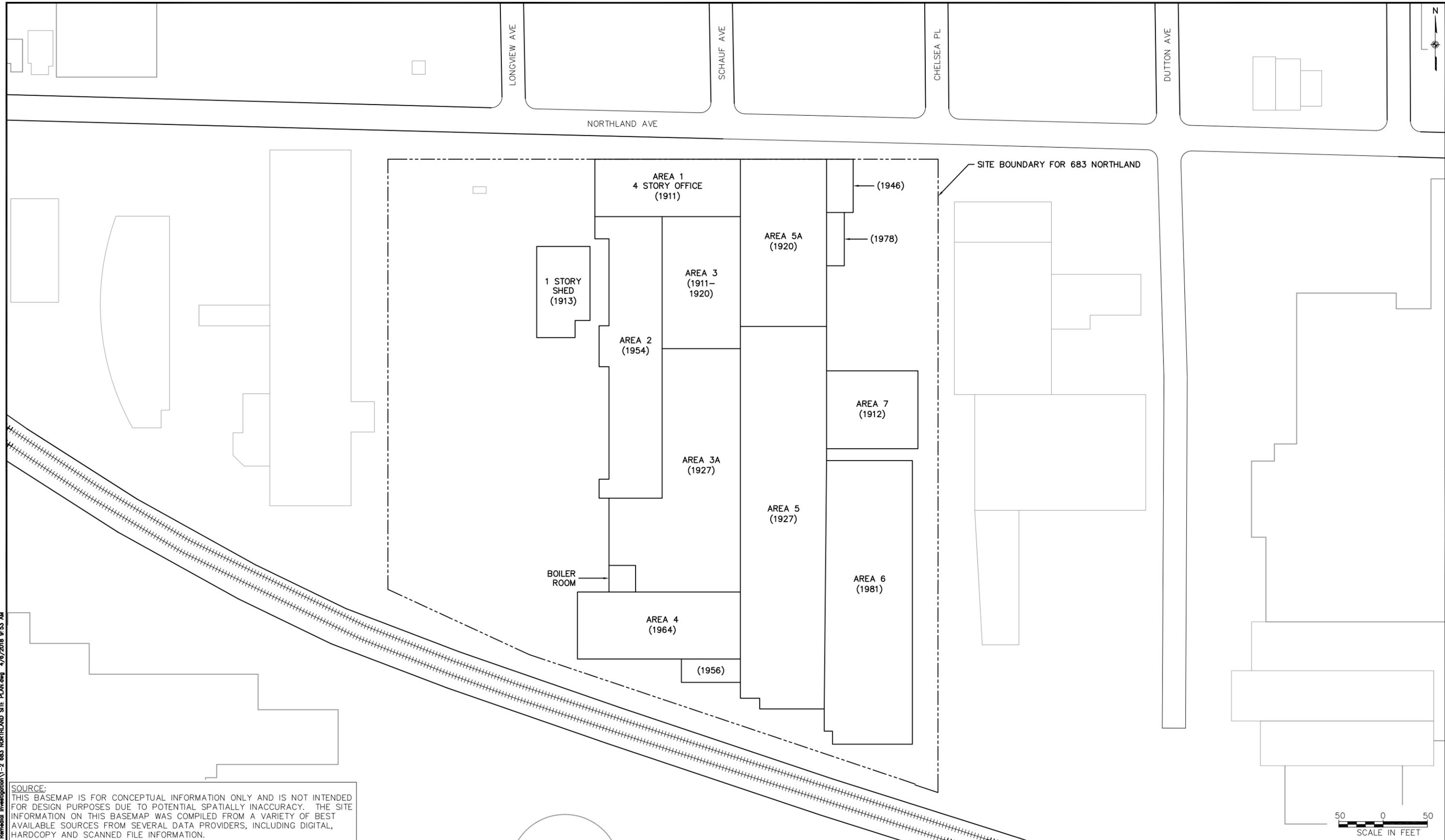
LiRo-Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

683 NORTHLAND AVENUE TOPOGRAPHIC SITE LOCATION MAP



FIGURE NO.

1-1



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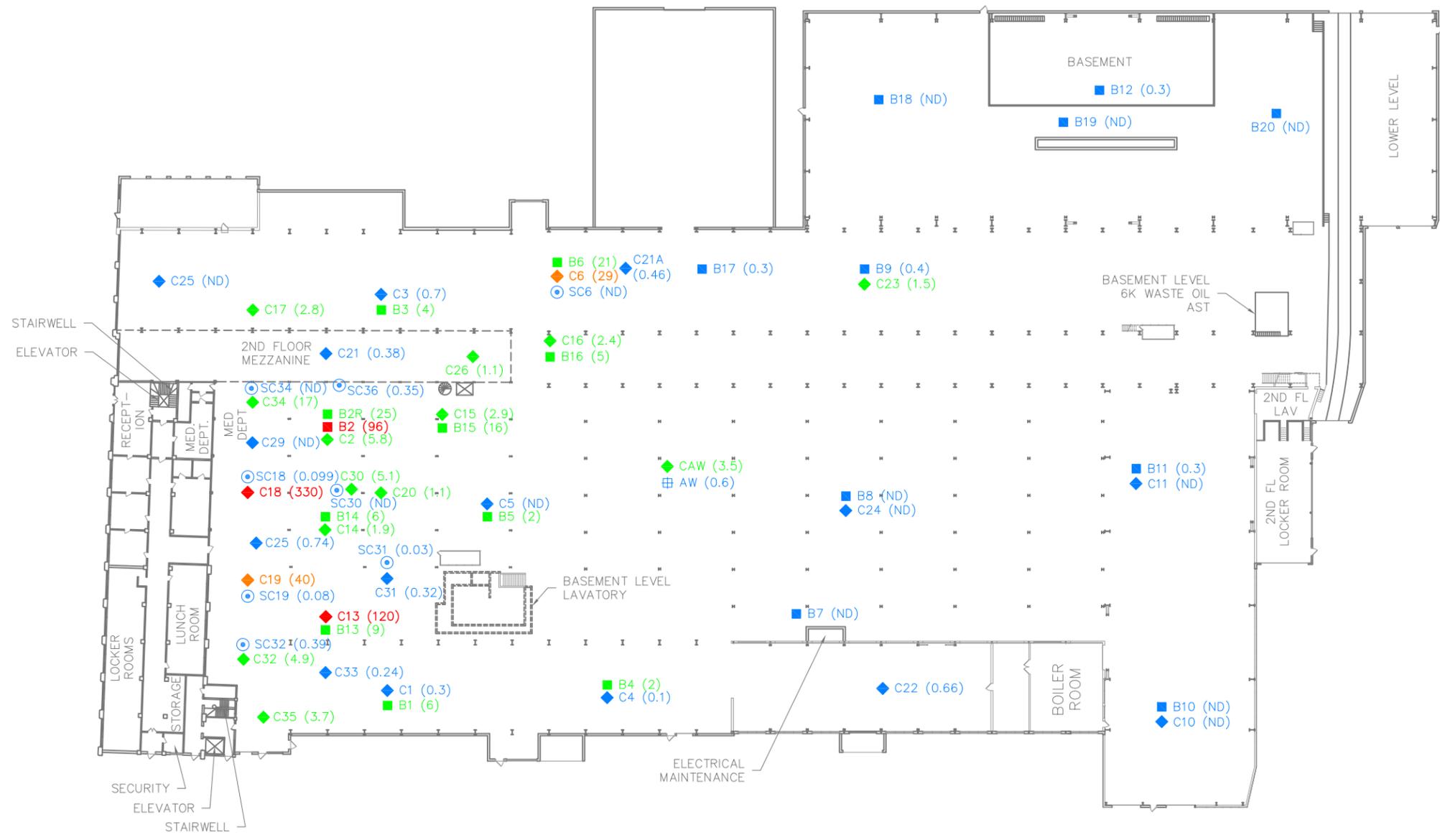
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 600 Delaware Avenue
 Buffalo, New York

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A.M.K.	OCTOBER 2017	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT
DRAWING TITLE:	683 NORTHLAND AVE SITE DEVELOPMENT PLAN

LIRO JOB NO.:	15-029-1054
SHEET	OF
FIGURE NO.	1-2

L:\15-029-1054-BUDG\CADD\683 Remedial Investigation\1-2_683 NORTHLAND SITE PLAN.dwg 4/8/2018 9:53 AM



COLOR LEGEND:

- < 1 PPM PCBs
- 1-25 PPM PCBs
- 25-50 PPM PCBs
- > 50 PPM PCBs

LEGEND:

- ⊞ FISHER WOOD BLOCK SAMPLE
- WOOD SAMPLE
- ◆ CONCRETE CHIP SAMPLE
- ⊙ SUBSLAB SOIL SAMPLE
- B WOOD SAMPLE
- C CONCRETE CHIP SAMPLE
- SC SUBSLAB SOIL SAMPLE
- (3) PCB CONCENTRATION (PPM)
- (ND) PCBs NOT DETECTED

NOTE: ALL PCB DETECTIONS WERE AROCLOR-1254



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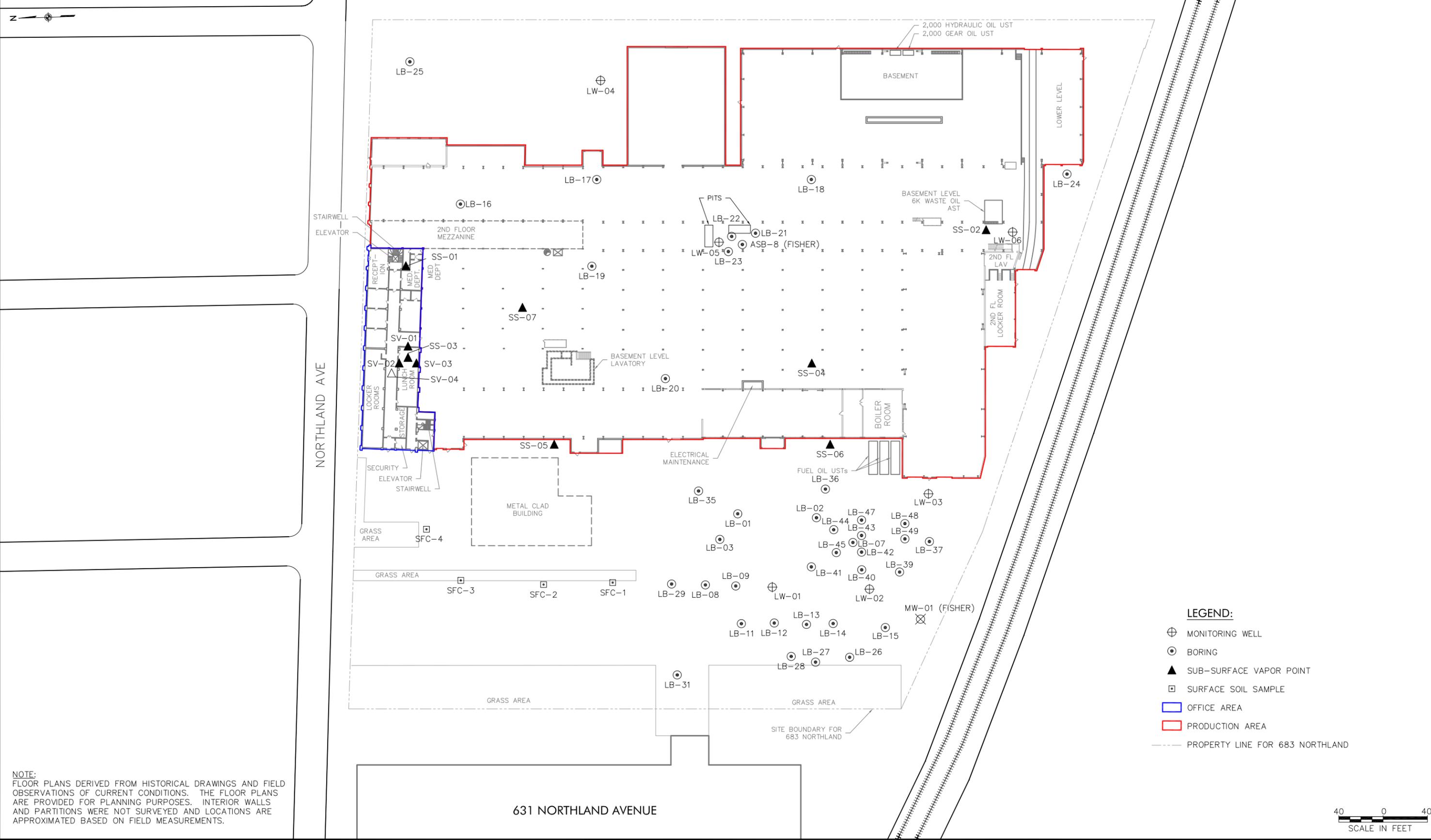
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DRAWING TITLE:		WOOD FLOOR, CONCRETE CHIP AND SUBSLAB SOIL PCB SAMPLE RESULTS	
LIRO JOB NO.:	15-029-1054	SHEET OF	
FIGURE NO.:	3-1		

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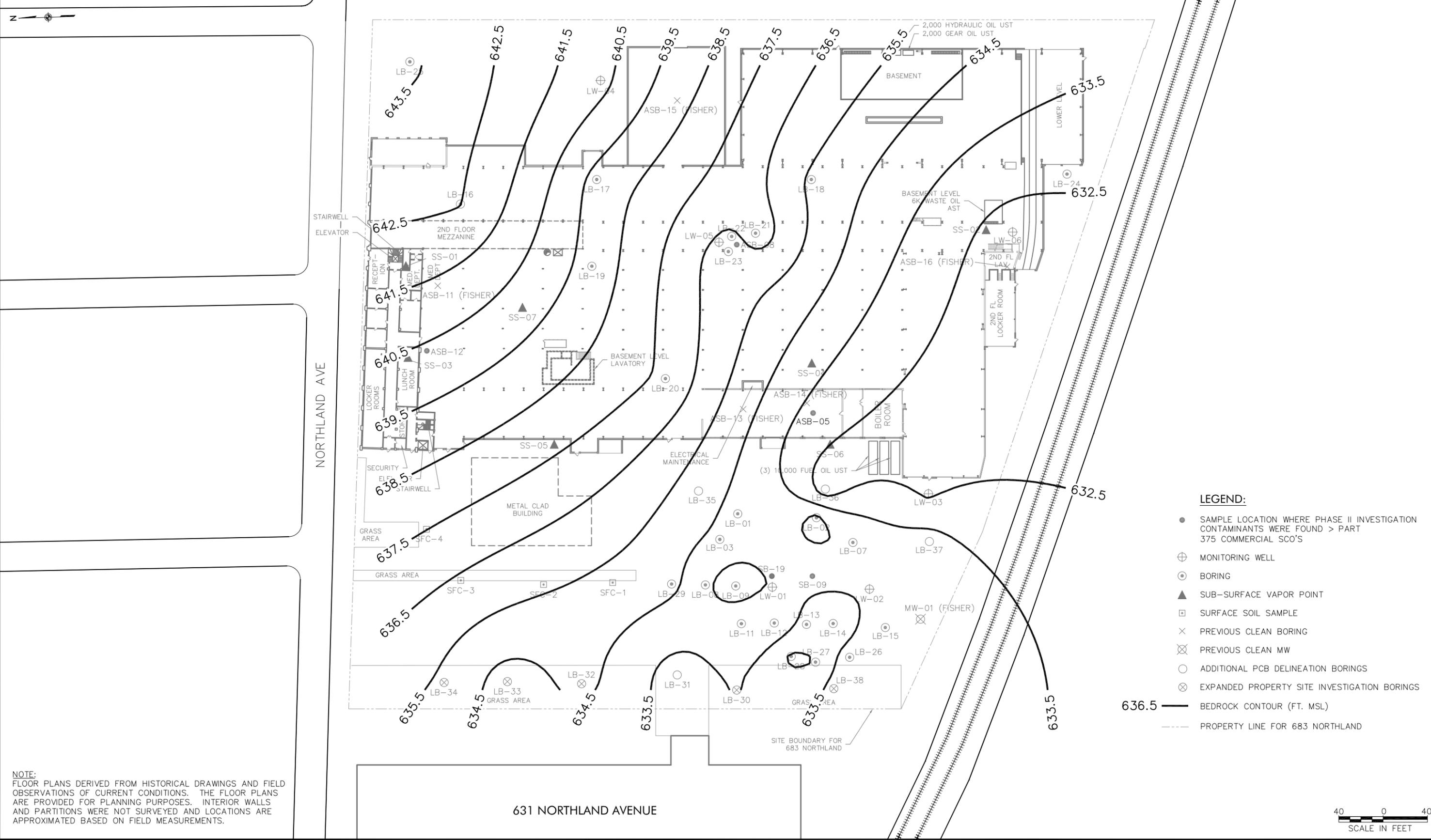
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JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT
DRAWING TITLE:	SOIL BORING, SURFACE SOIL, SOIL VAPOR AND MONITORING WELL LOCATIONS
LIRO JOB NO.:	15-029-1054
SHEET OF:	
FIGURE NO.:	4-1

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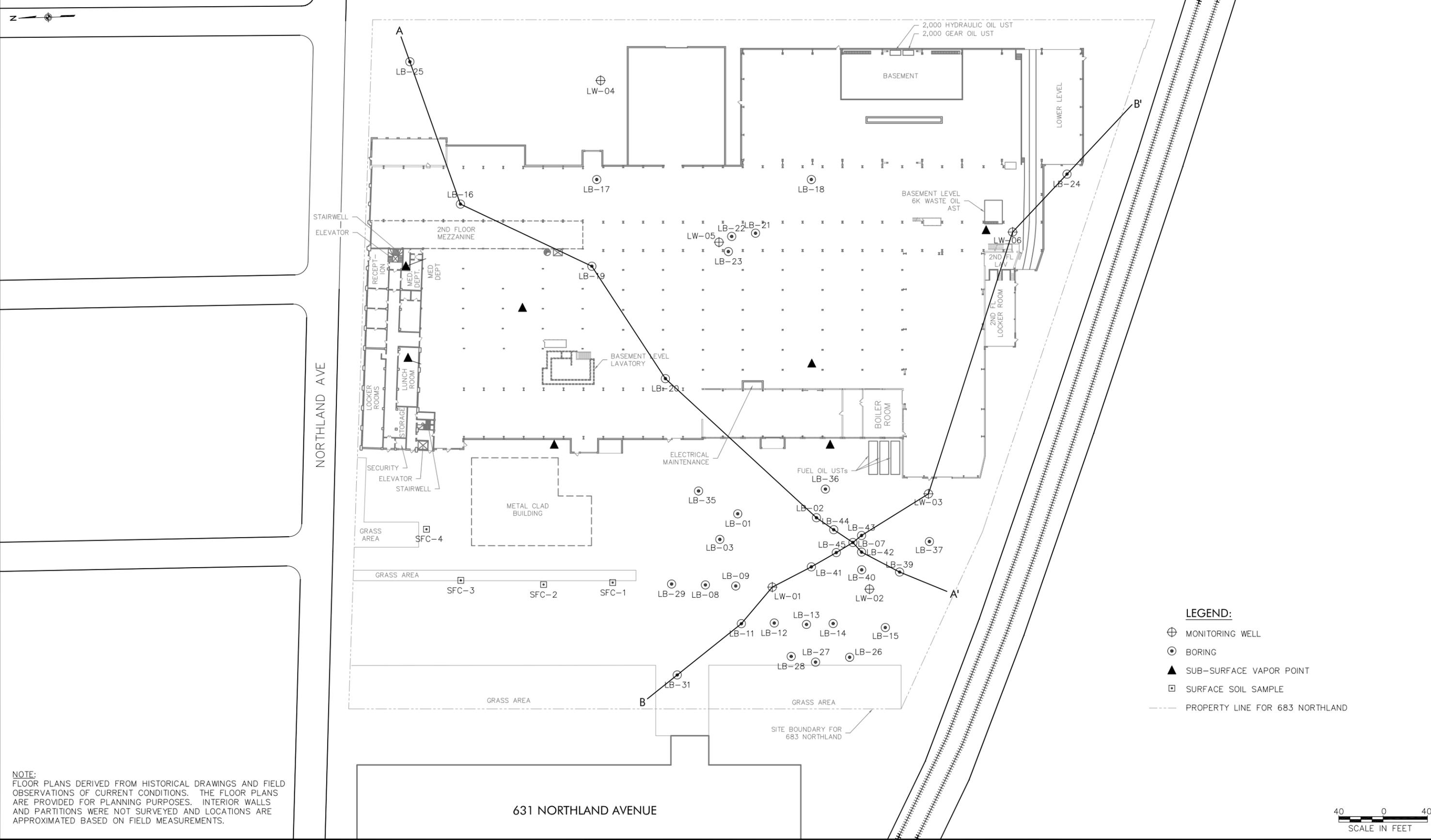


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JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:
DRAWING TITLE:		15-029-1054
BEDROCK SURFACE CONTOUR MAP		SHEET OF
		FIGURE NO.
		5-1

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- LEGEND:**
- ⊕ MONITORING WELL
 - BORING
 - ▲ SUB-SURFACE VAPOR POINT
 - SURFACE SOIL SAMPLE
 - PROPERTY LINE FOR 683 NORTHLAND



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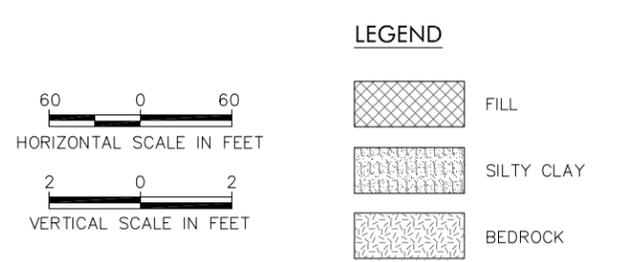
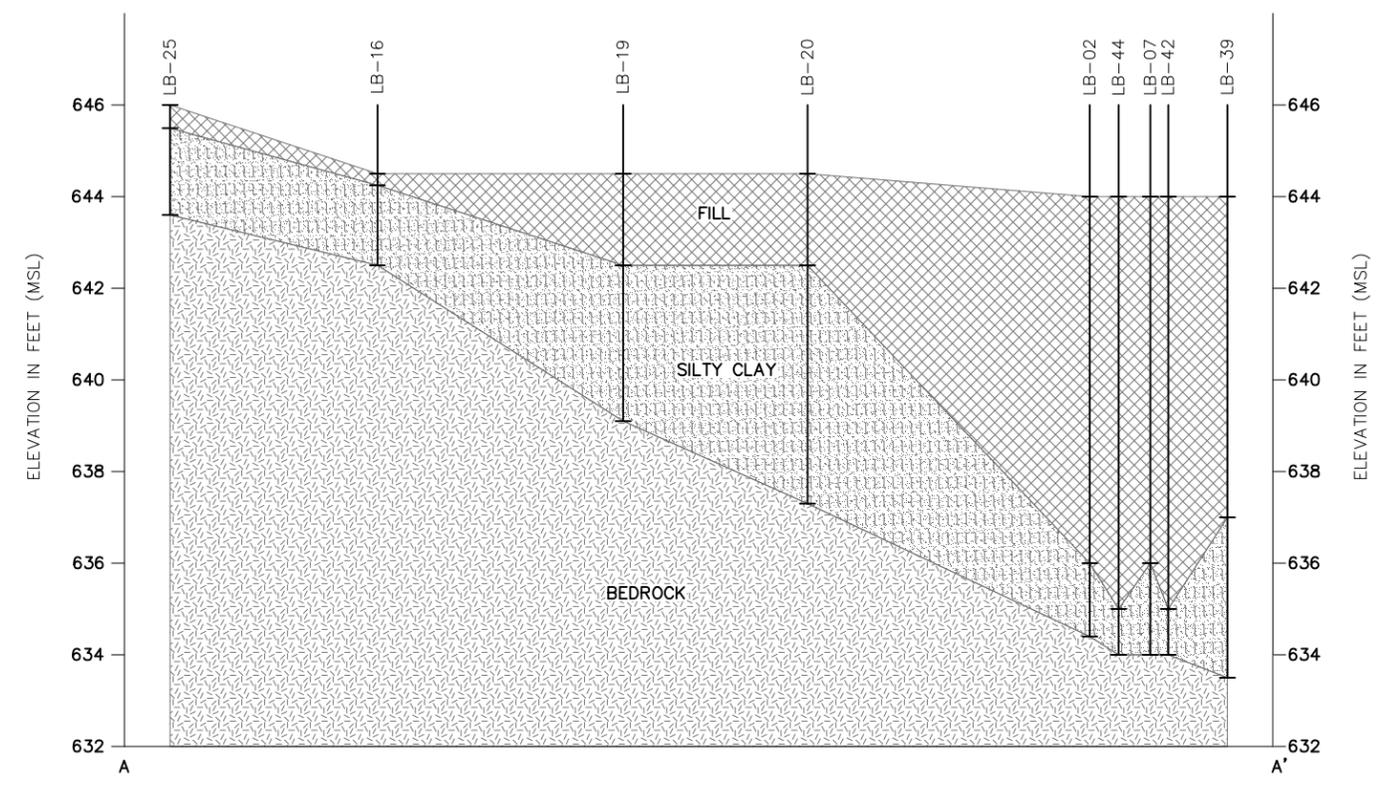
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JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	GEOLOGIC CROSS-SECTION LOCATIONS	SHEET	OF
		FIGURE NO.	5-2

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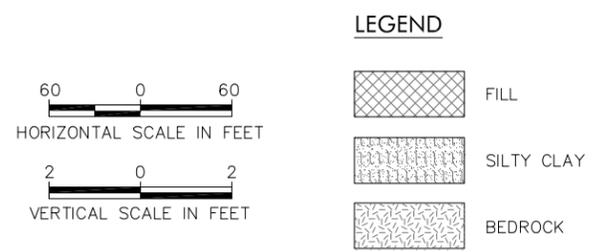
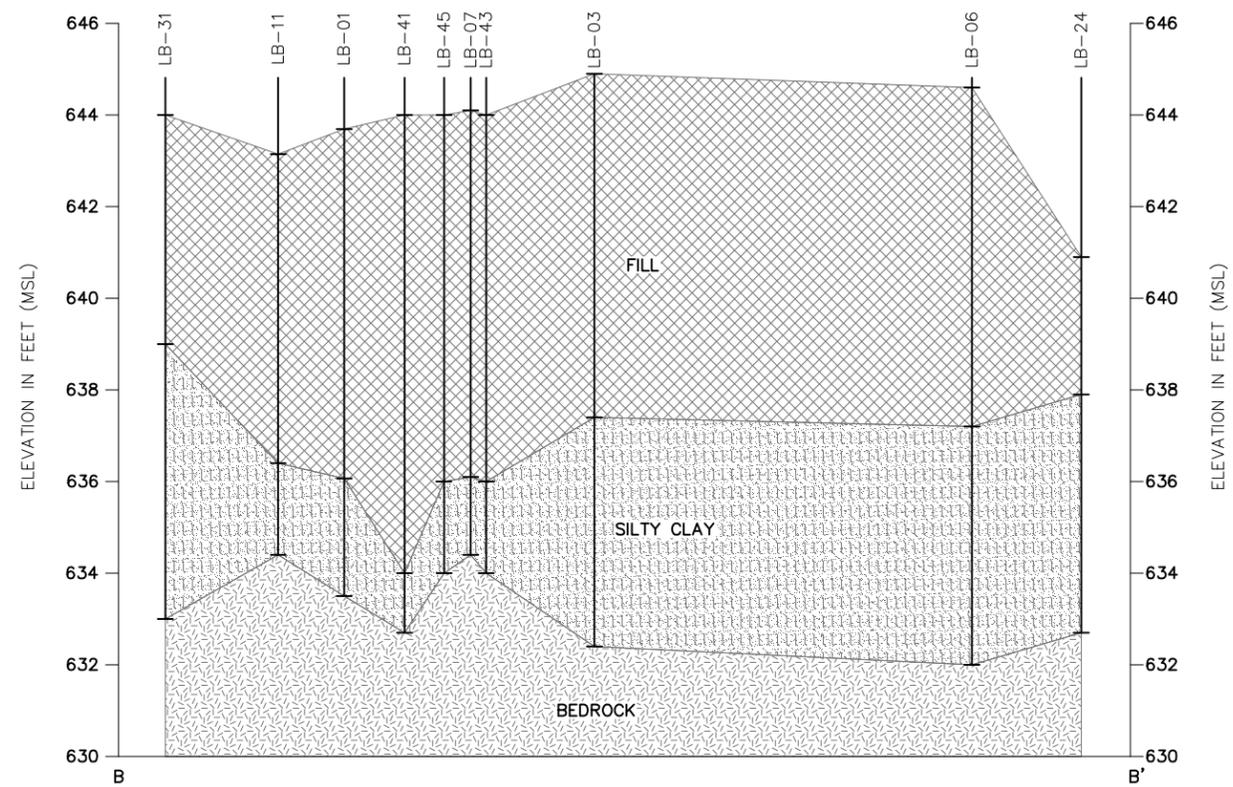
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683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	15-029-1054
DRAWING TITLE:	SHEET OF
GEOLOGIC CROSS-SECTION A-A'	FIGURE NO.
	5-3

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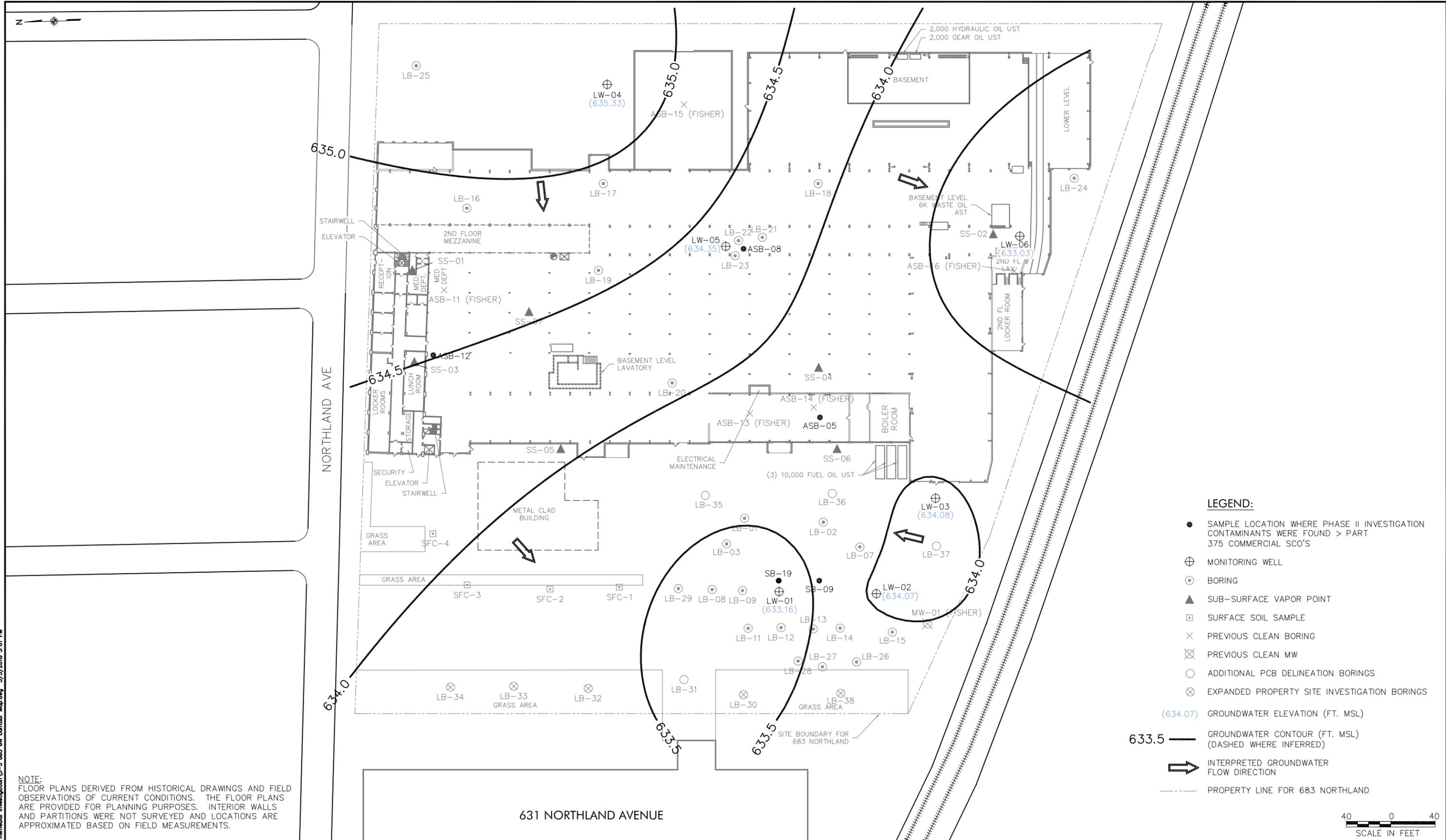
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DRAWING TITLE:	GEOLOGIC CROSS-SECTION B-B'	SHEET OF	
		FIGURE NO.	5-4



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- LEGEND:**
- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCO'S
 - ⊕ MONITORING WELL
 - ⊙ BORING
 - ▲ SUB-SURFACE VAPOR POINT
 - ⊠ SURFACE SOIL SAMPLE
 - × PREVIOUS CLEAN BORING
 - ⊗ PREVIOUS CLEAN MW
 - ADDITIONAL PCB DELINEATION BORINGS
 - ⊗ EXPANDED PROPERTY SITE INVESTIGATION BORINGS
 - (634.07) GROUNDWATER ELEVATION (FT. MSL)
 - 633.5 — GROUNDWATER CONTOUR (FT. MSL) (DASHED WHERE INFERRED)
 - ➔ INTERPRETED GROUNDWATER FLOW DIRECTION
 - PROPERTY LINE FOR 683 NORTHLAND



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NO.	DATE	DESCRIPTION
REVISIONS		

NO.	DATE	DESCRIPTION
REVISIONS		

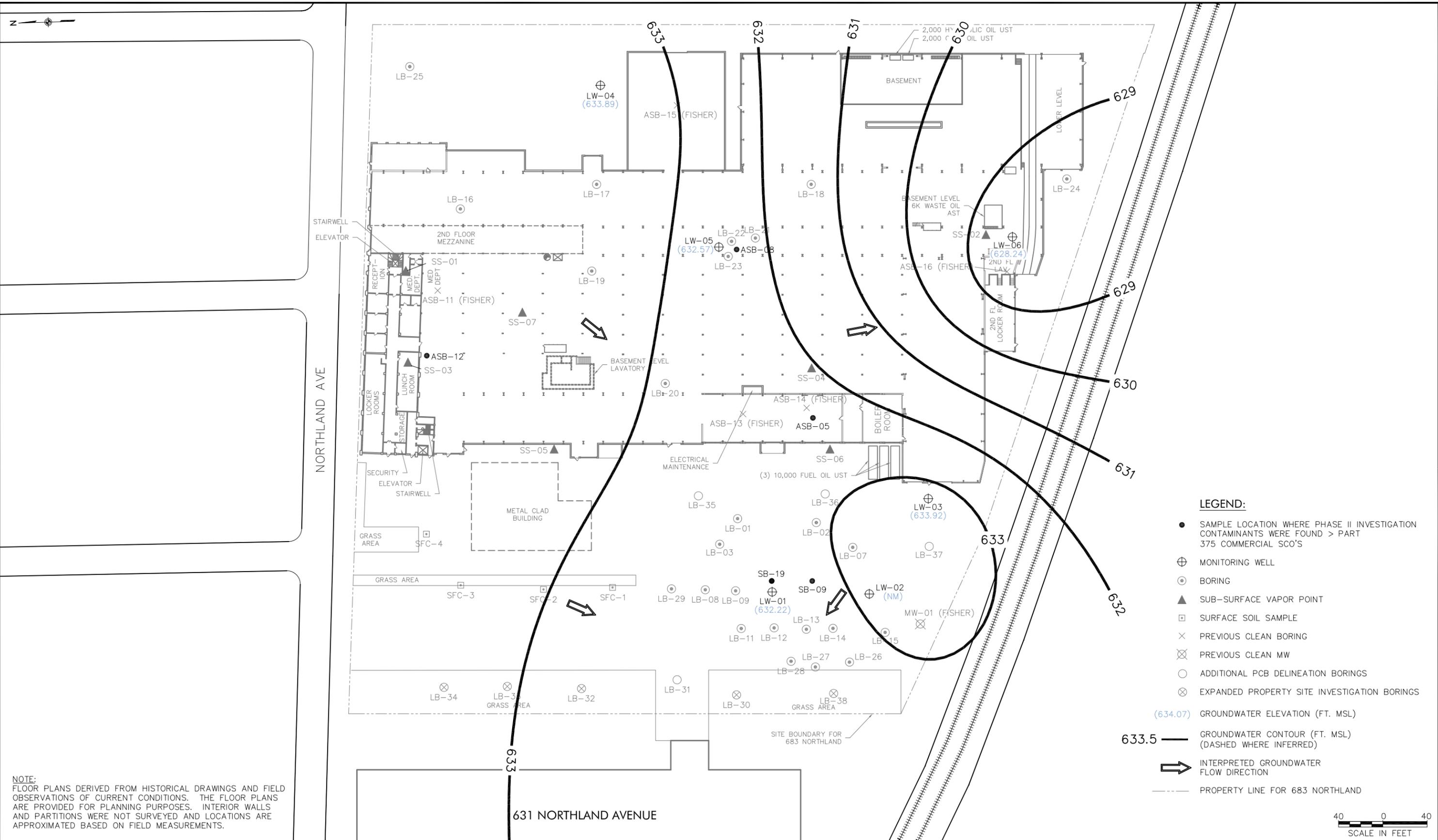
LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, New York

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JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.: 15-029-1054
DRAWING TITLE:	GROUNDWATER CONTOUR MAP APRIL 5, 2017	SHEET OF
		FIGURE NO. 5-5

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WARNING
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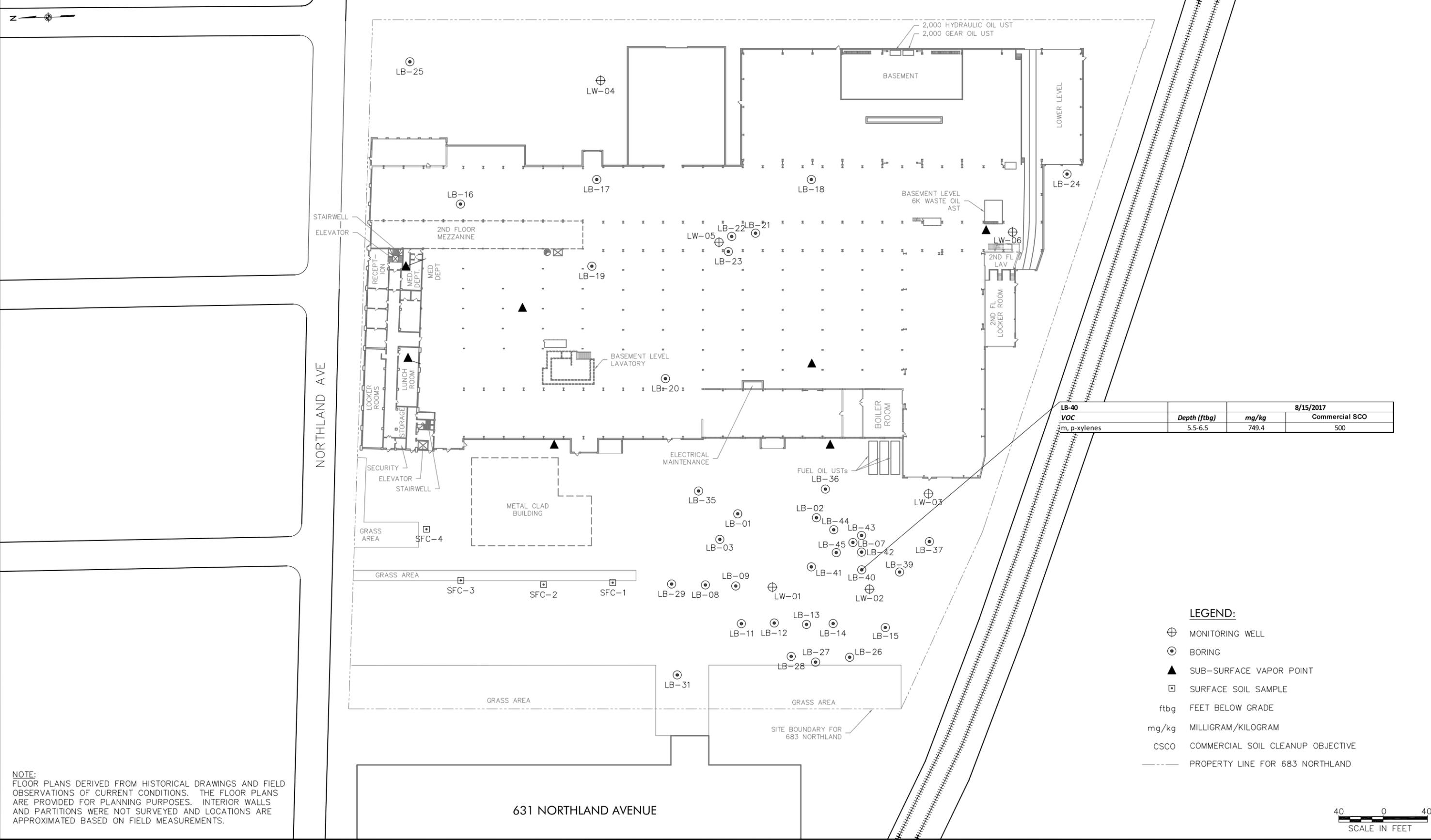
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:	DATE:	
A.M.K.	JANUARY 2018	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:
DRAWING TITLE:		15-029-1054
	GROUNDWATER CONTOUR MAP NOVEMBER 14, 2017	SHEET OF
		FIGURE NO.
		5-6





		8/15/2017	
LB-40	Depth (ftbg)	mg/kg	Commercial SCO
VOC	5.5-6.5	749.4	500
m, p-xylenes			

- LEGEND:**
- ⊕ MONITORING WELL
 - BORING
 - ▲ SUB-SURFACE VAPOR POINT
 - SURFACE SOIL SAMPLE
 - ftbg FEET BELOW GRADE
 - mg/kg MILLIGRAM/KILOGRAM
 - CSCO COMMERCIAL SOIL CLEANUP OBJECTIVE
 - PROPERTY LINE FOR 683 NORTHLAND



NOTE:
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NO.	DATE	DESCRIPTION
REVISIONS		

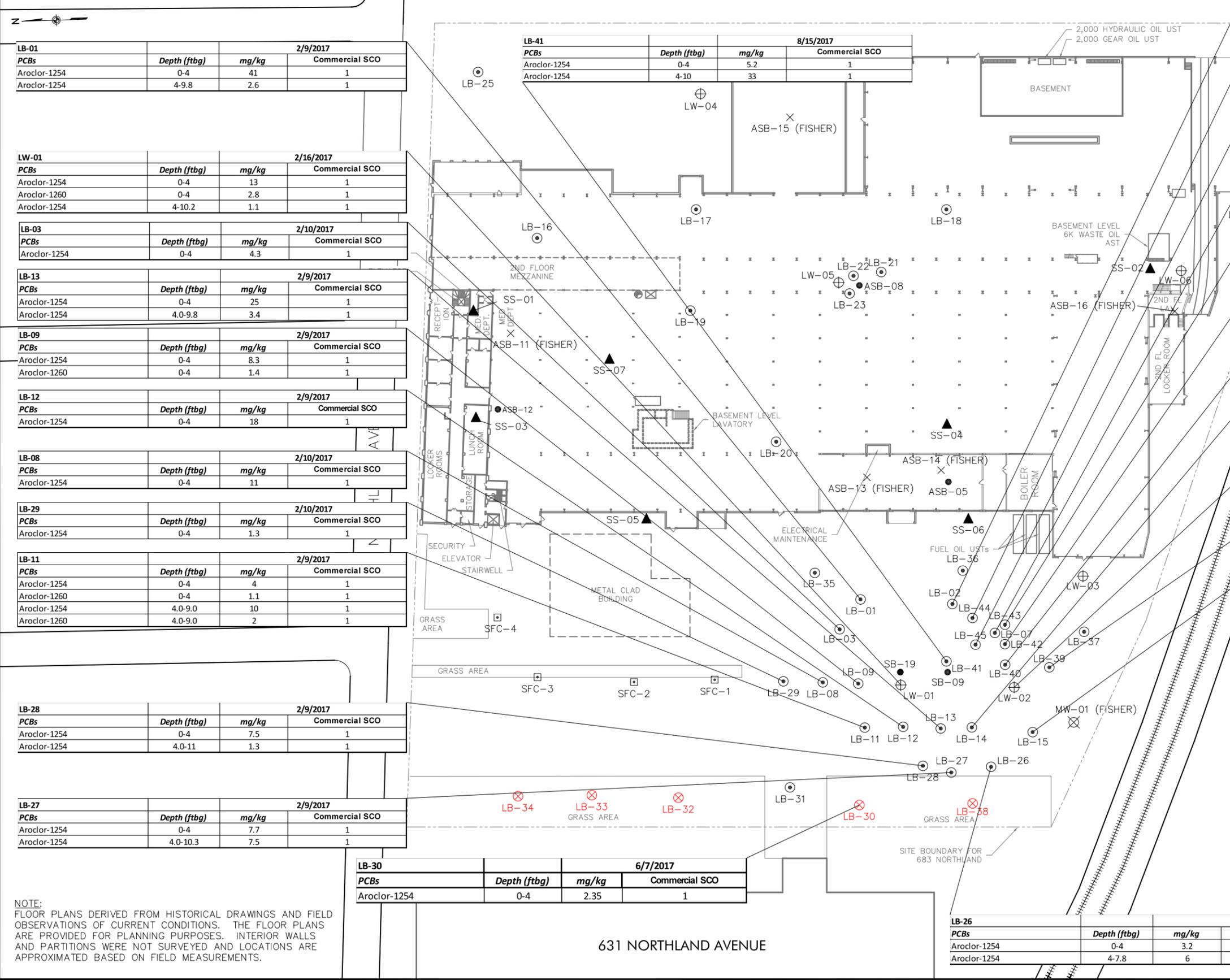


PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:	DATE:	
A.M.K.	JANUARY 2018	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.: 15-029-1054
DRAWING TITLE:	SOIL CONCENTRATIONS ABOVE CSCOs - VOLATILE ORGANIC COMPOUNDS (VOCs)	SHEET OF
		FIGURE NO. 6-1

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\6-1 683 Northland Ave.dwg 4/9/2018 10:18 AM

L:\15-029-1064-BUDC\04D\683 Remedial Investigation\6-3 683 Northland Ave PCB.dwg 5/2/2018 3:05 PM



2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	41	1
Aroclor-1254	4-9.8	2.6	1

2/16/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	13	1
Aroclor-1260	0-4	2.8	1
Aroclor-1254	4-10.2	1.1	1

2/10/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	4.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	25	1
Aroclor-1254	4.0-9.8	3.4	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	8.3	1
Aroclor-1260	0-4	1.4	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	18	1

2/10/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	11	1

2/10/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	1.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	4	1
Aroclor-1260	0-4	1.1	1
Aroclor-1254	4.0-9.0	10	1
Aroclor-1260	4.0-9.0	2	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	7.5	1
Aroclor-1254	4.0-11	1.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	7.5	1
Aroclor-1254	4.0-11	1.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	7.7	1
Aroclor-1254	4.0-10.3	7.5	1

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8/15/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	5.2	1
Aroclor-1254	4-10	33	1

2/10/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	4.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	25	1
Aroclor-1254	4.0-9.8	3.4	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	8.3	1
Aroclor-1260	0-4	1.4	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	18	1

2/10/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	11	1

2/10/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	1.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	4	1
Aroclor-1260	0-4	1.1	1
Aroclor-1254	4.0-9.0	10	1
Aroclor-1260	4.0-9.0	2	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	7.5	1
Aroclor-1254	4.0-11	1.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	7.5	1
Aroclor-1254	4.0-11	1.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	7.7	1
Aroclor-1254	4.0-10.3	7.5	1

6/7/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	2.35	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	3.2	1
Aroclor-1254	4-7.8	6	1

2/10/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	24	1
Aroclor-1254	4-9.2	9.6	1

8/15/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	22	1
Aroclor-1254	4-10	6.1	1

8/15/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	23	1
Aroclor-1260	4-10	38	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	39	1
Aroclor-1254	4-9.7	210	1

8/15/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	1.2	1
Aroclor-1254	4-10	11	1

8/15/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	2	1
Aroclor-1254	4-10	17	1

8/15/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	4-10	34	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	12	1
Aroclor-1260	0-4	1.5	1
Aroclor-1254	4.0-10.5	3.8	1

2/16/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	0-4	4.4	1
Aroclor-1254	4-9.8	7.7	1

8/15/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1254	4-10.5	3.3	1

2/9/2017			
PCBs	Depth (ftbg)	mg/kg	Commercial SCO
Aroclor-1242	0-4	1.2	1
Aroclor-1254	4.0-8.5	1.2	1

- LEGEND:**
- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCOs
 - ⊕ MONITORING WELL
 - ⊙ BORING
 - ▲ SUB-SURFACE VAPOR POINT
 - SURFACE SOIL SAMPLE
 - × PREVIOUS CLEAN BORING
 - ⊗ PREVIOUS CLEAN MW
 - ⊗ EXPANDED PROPERTY SITE INVESTIGATION BORINGS
 - ftbg FEET BELOW GRADE
 - mg/kg MILLIGRAM/KILOGRAM
 - CSCO COMMERCIAL SOIL CLEANUP OBJECTIVE
 - PROPERTY LINE FOR 683 NORTHLAND



631 NORTHLAND AVENUE

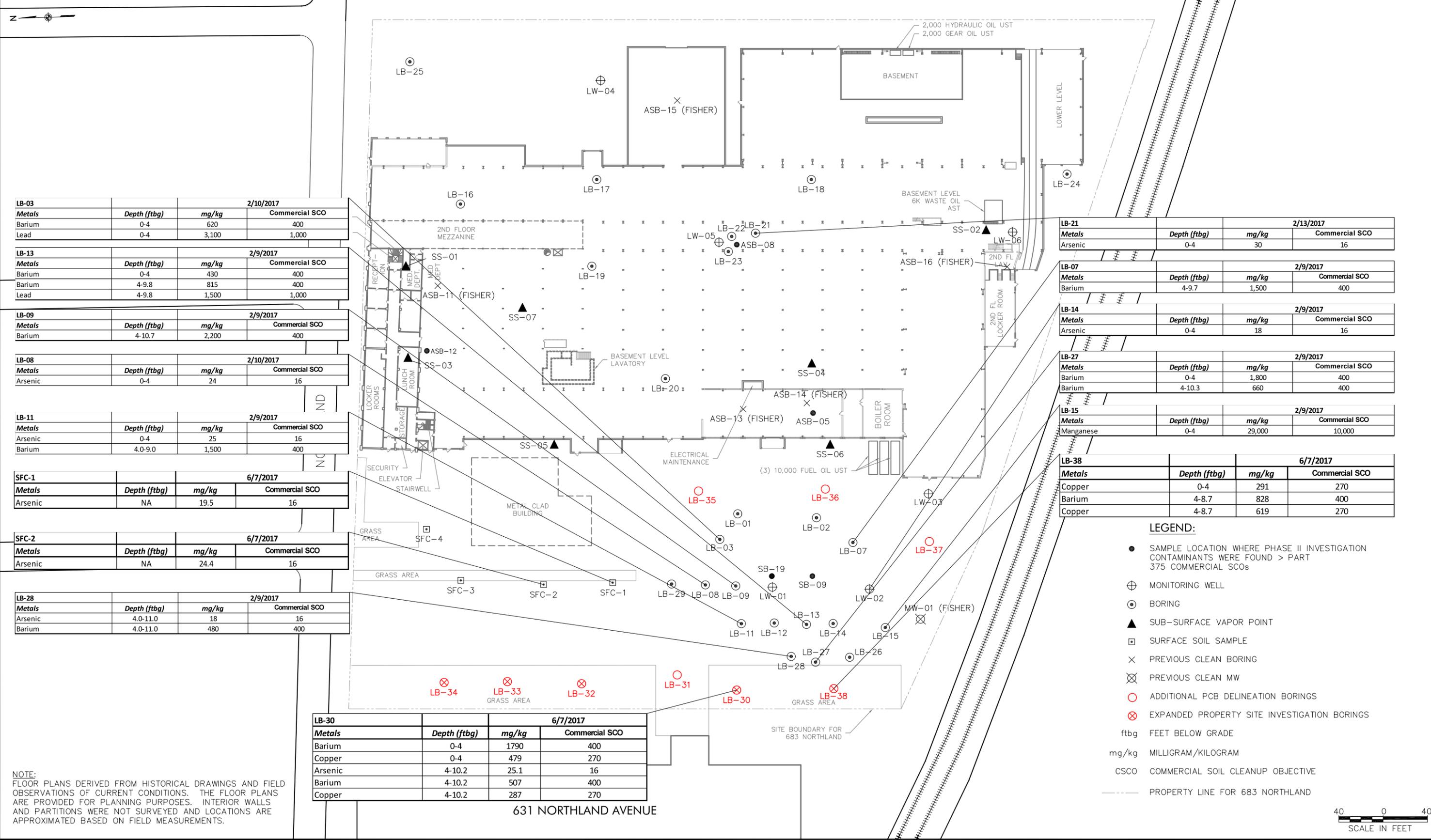
WARNING
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NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC	
DESIGNED BY:			
CHECKED BY:			
DRAWN BY:	DATE:	SCALE:	
A.M.K.	JANUARY 2018	AS SHOWN	

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	SOIL CONCENTRATIONS ABOVE CSCOs - POLY-CHLORINATED BIPHENYLS (PCBs)	SHEET OF:	
		FIGURE NO.:	6-3



2/10/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Barium	0-4	620	400
Lead	0-4	3,100	1,000

2/9/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Barium	0-4	430	400
Barium	4-9.8	815	400
Lead	4-9.8	1,500	1,000

2/9/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Barium	4-10.7	2,200	400

2/10/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Arsenic	0-4	24	16

2/9/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Arsenic	0-4	25	16
Barium	4.0-9.0	1,500	400

6/7/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Arsenic	NA	19.5	16

6/7/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Arsenic	NA	24.4	16

2/9/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Arsenic	4.0-11.0	18	16
Barium	4.0-11.0	480	400

6/7/2017			
Metals	Depth (ftbg)	mg/kg	Commercial SCO
Barium	0-4	1790	400
Copper	0-4	479	270
Arsenic	4-10.2	25.1	16
Barium	4-10.2	507	400
Copper	4-10.2	287	270

NOTE:
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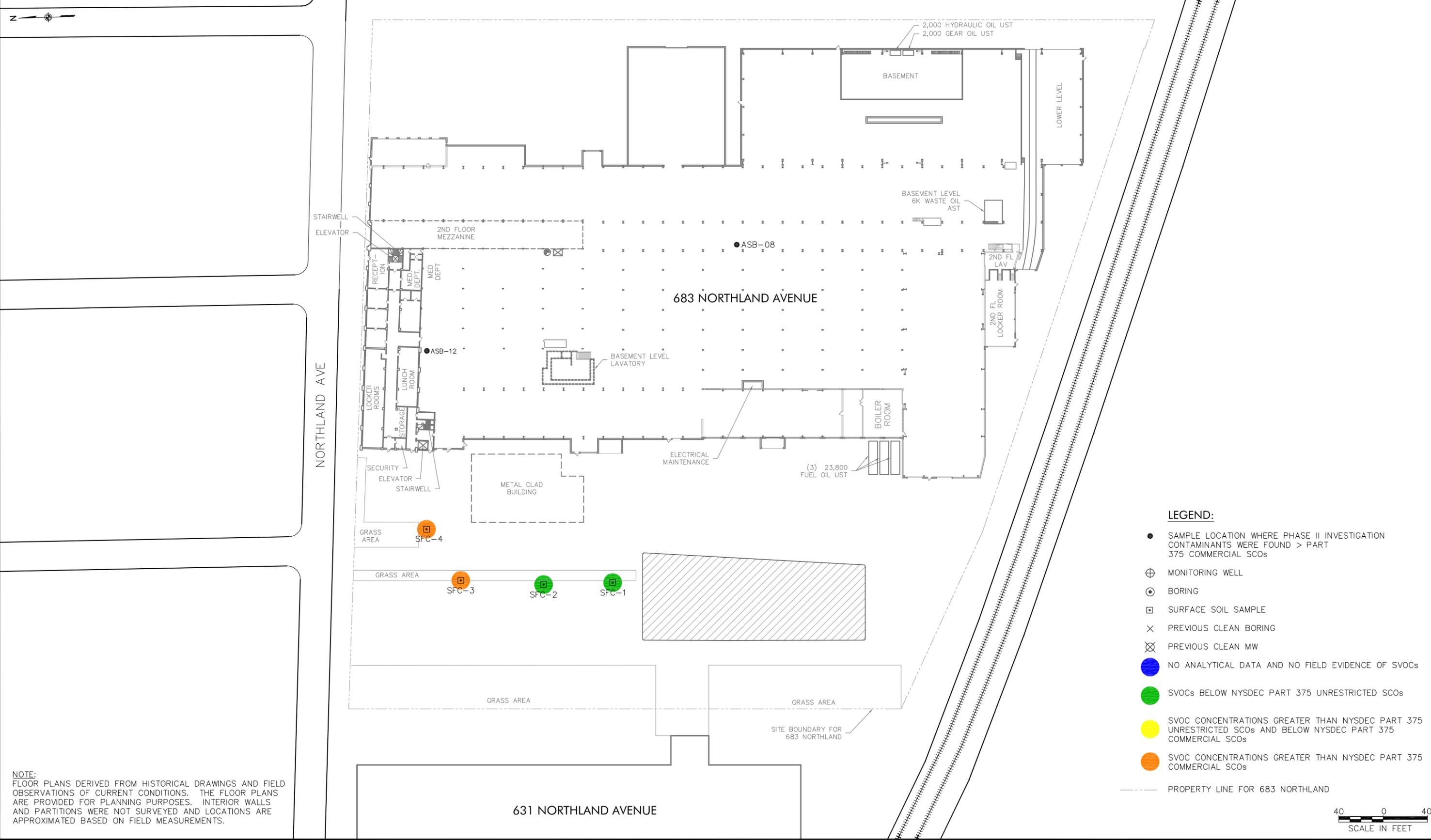
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC
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CHECKED BY:		
DRAWN BY:	DATE:	SCALE:
A.M.K.	JANUARY 2018	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	SOIL CONCENTRATIONS ABOVE CSCOs - METALS	SHEET	OF
		FIGURE NO.	6-4





NOTE:
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LEGEND:

- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCOs
- ⊕ MONITORING WELL
- ⊙ BORING
- ⊠ SURFACE SOIL SAMPLE
- × PREVIOUS CLEAN BORING
- ⊗ PREVIOUS CLEAN MW
- NO ANALYTICAL DATA AND NO FIELD EVIDENCE OF SVOCs
- SVOCs BELOW NYSDEC PART 375 UNRESTRICTED SCOs
- SVOC CONCENTRATIONS GREATER THAN NYSDEC PART 375 UNRESTRICTED SCOs AND BELOW NYSDEC PART 375 COMMERCIAL SCOs
- SVOC CONCENTRATIONS GREATER THAN NYSDEC PART 375 COMMERCIAL SCOs
- PROPERTY LINE FOR 683 NORTHLAND



L:\15-029-1064-BUDG\CAD\683 Remedial Investigation\10-1 SVOC Data Dist 0-2in Below.dwg 4/8/2018 10:53 AM

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NO.	DATE	DESCRIPTION
REVISIONS		

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LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, New York

PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT
DRAWING TITLE:	SVOCs IN SURFACE SOILS (0-2 INCHES BELOW GROUND SURFACE)

LIRO JOB NO.:	15-029-1054
SHEET	OF
FIGURE NO.	10-1



NOTE:
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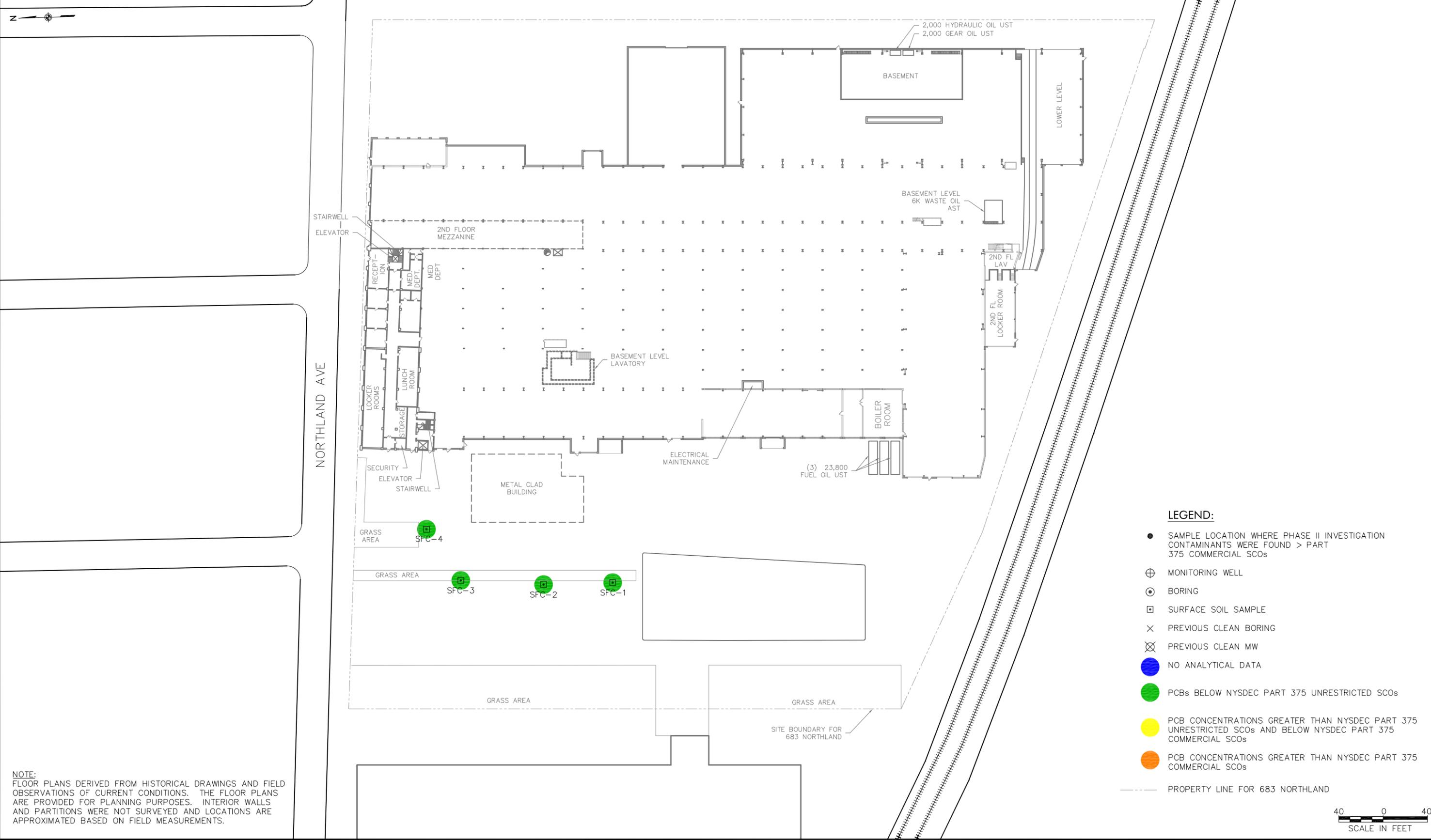
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
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A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	PESTICIDES IN SURFACE SOILS (0-2 INCHES BELOW GROUND SURFACE)	SHEET	OF
FIGURE NO.:	10-2		

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-2 Pesticide Soils 0-2in Below.dwg 4/8/2018 10:57 AM



NOTE:
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LEGEND:

- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCOs
- ⊕ MONITORING WELL
- ⊙ BORING
- ⊠ SURFACE SOIL SAMPLE
- × PREVIOUS CLEAN BORING
- ⊗ PREVIOUS CLEAN MW
- NO ANALYTICAL DATA
- PCBs BELOW NYSDEC PART 375 UNRESTRICTED SCOs
- PCB CONCENTRATIONS GREATER THAN NYSDEC PART 375 UNRESTRICTED SCOs AND BELOW NYSDEC PART 375 COMMERCIAL SCOs
- PCB CONCENTRATIONS GREATER THAN NYSDEC PART 375 COMMERCIAL SCOs
- PROPERTY LINE FOR 683 NORTHLAND



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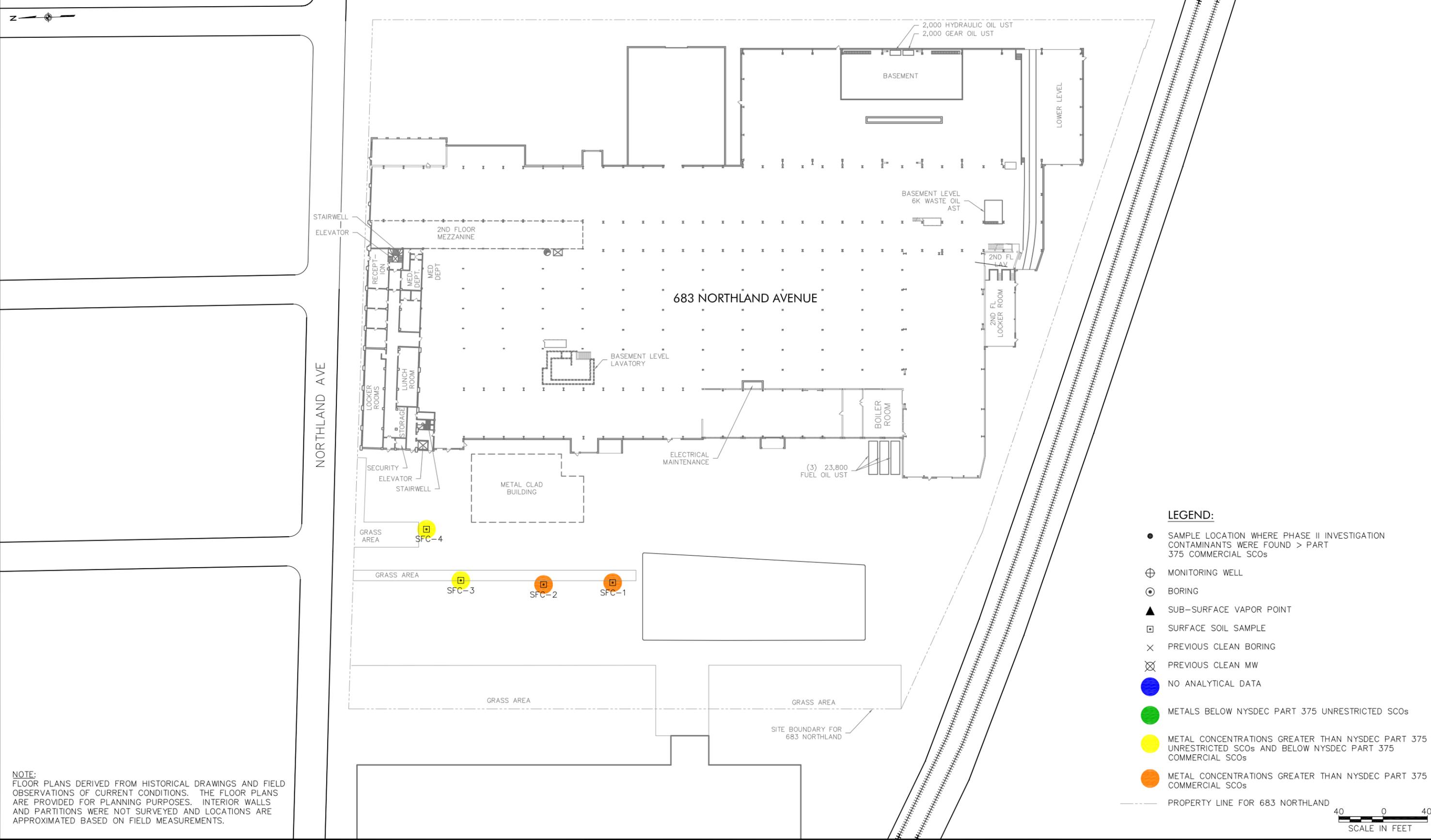
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REVISIONS		



PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:	DATE:	SCALE:
A.M.K.	JANUARY 2018	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:
DRAWING TITLE:		15-029-1054
	PCBs IN SURFACE SOILS (0-2 INCHES BELOW GROUND SURFACE)	SHEET OF
		FIGURE NO.
		10-3



NOTE:
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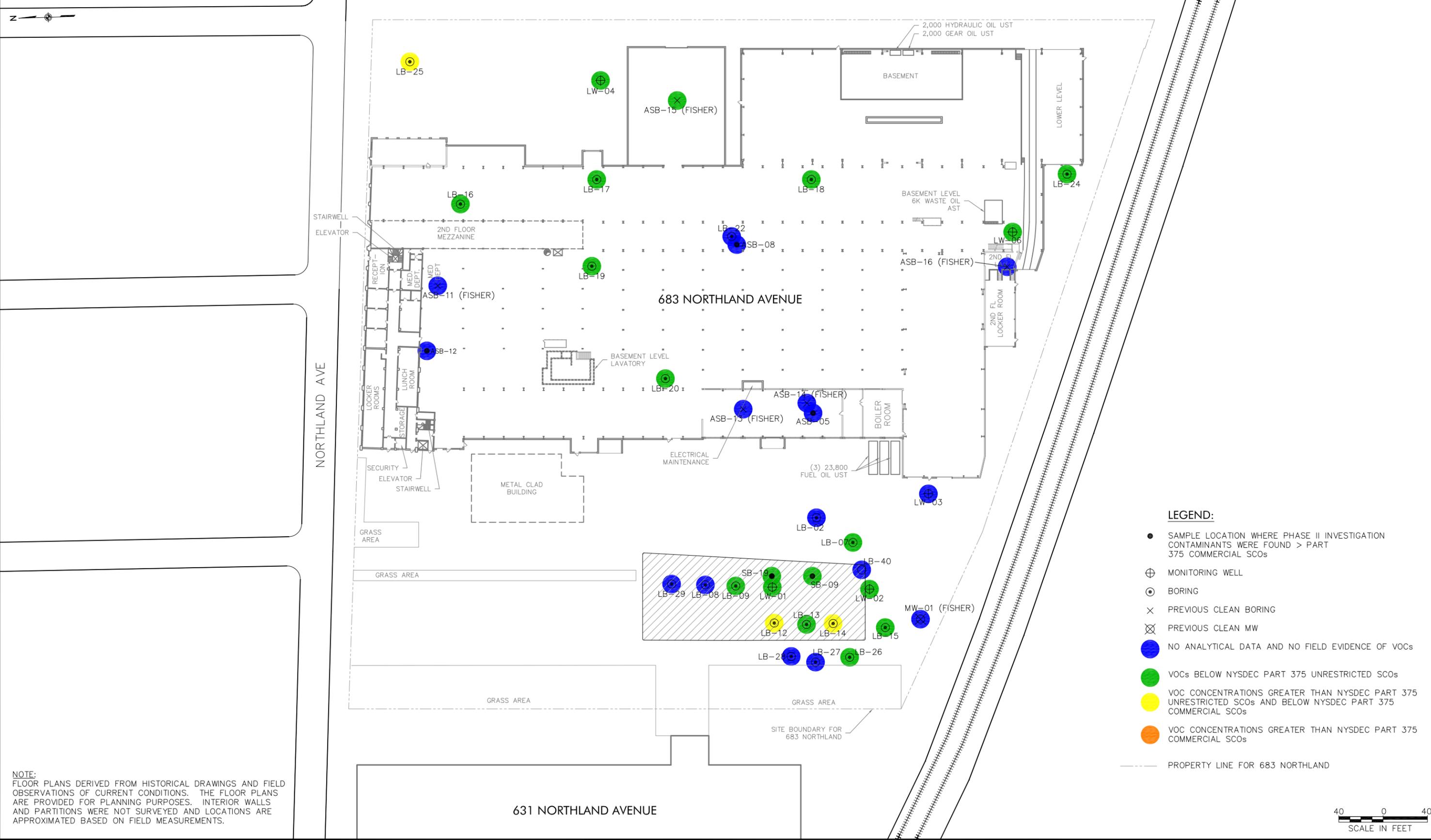
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	METALS IN SURFACE SOILS (0-2 INCHES BELOW GROUND SURFACE)	SHEET	OF
FIGURE NO.	10-4		

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-4 Metals Data Dist 0-2in Below.dwg 4/8/2018 11:12 AM



NOTE:
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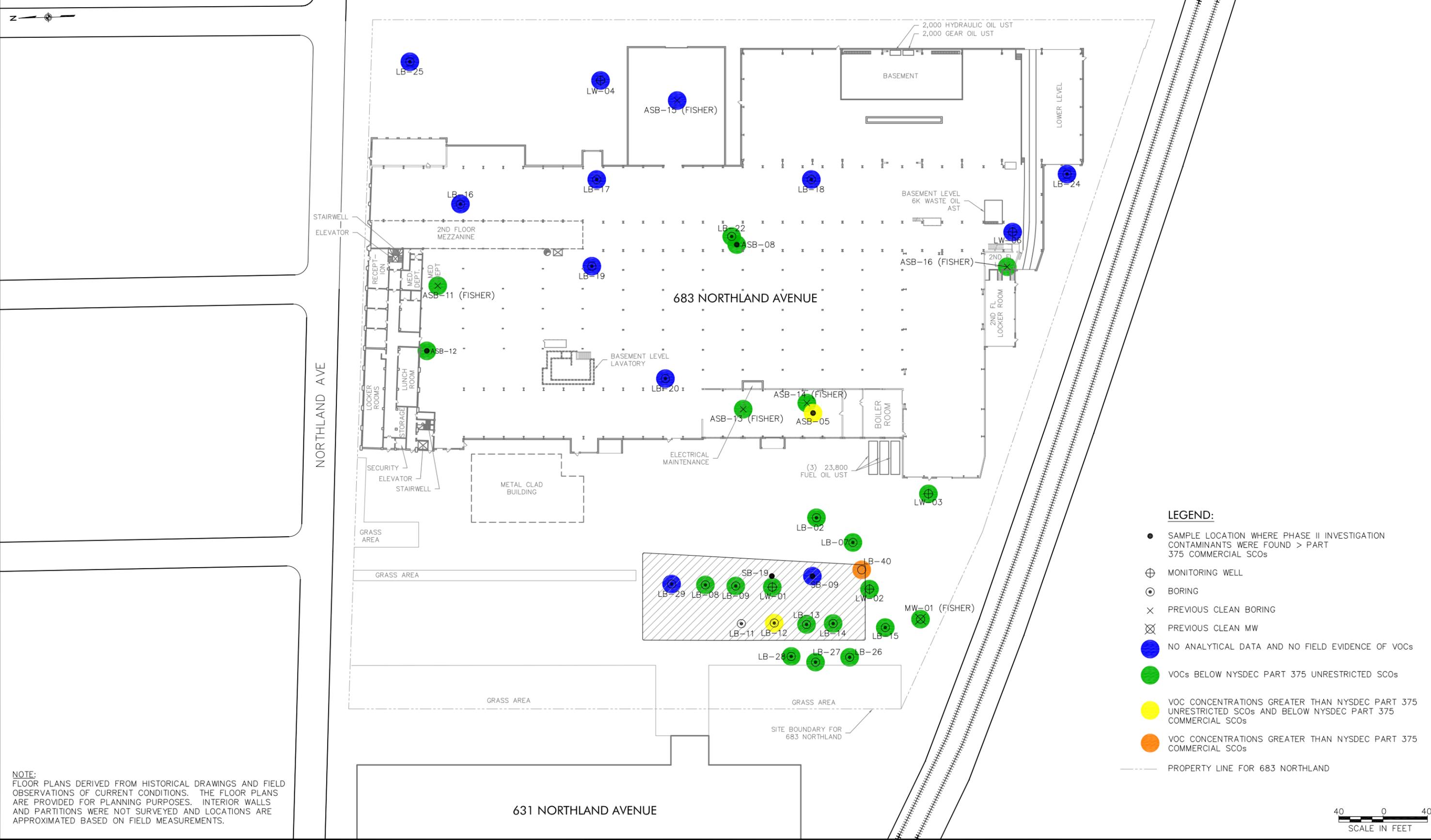
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	VOCs IN SHALLOW SUB-SURFACE SOILS 0-4 FT BELOW GROUND SURFACE	SHEET	OF
FIGURE NO.:	10-5		

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-5 VOC Data Dist 0-4ft.dwg 4/9/2018 11:14 AM



LEGEND:

- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCOs
- ⊕ MONITORING WELL
- ⊙ BORING
- × PREVIOUS CLEAN BORING
- ⊗ PREVIOUS CLEAN MW
- NO ANALYTICAL DATA AND NO FIELD EVIDENCE OF VOCs
- VOCs BELOW NYSDEC PART 375 UNRESTRICTED SCOs
- VOC CONCENTRATIONS GREATER THAN NYSDEC PART 375 UNRESTRICTED SCOs AND BELOW NYSDEC PART 375 COMMERCIAL SCOs
- VOC CONCENTRATIONS GREATER THAN NYSDEC PART 375 COMMERCIAL SCOs
- PROPERTY LINE FOR 683 NORTHLAND



NOTE:
FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-6 VOC Data Dist 4ft Below.dwg 4/6/2018 11:17 AM

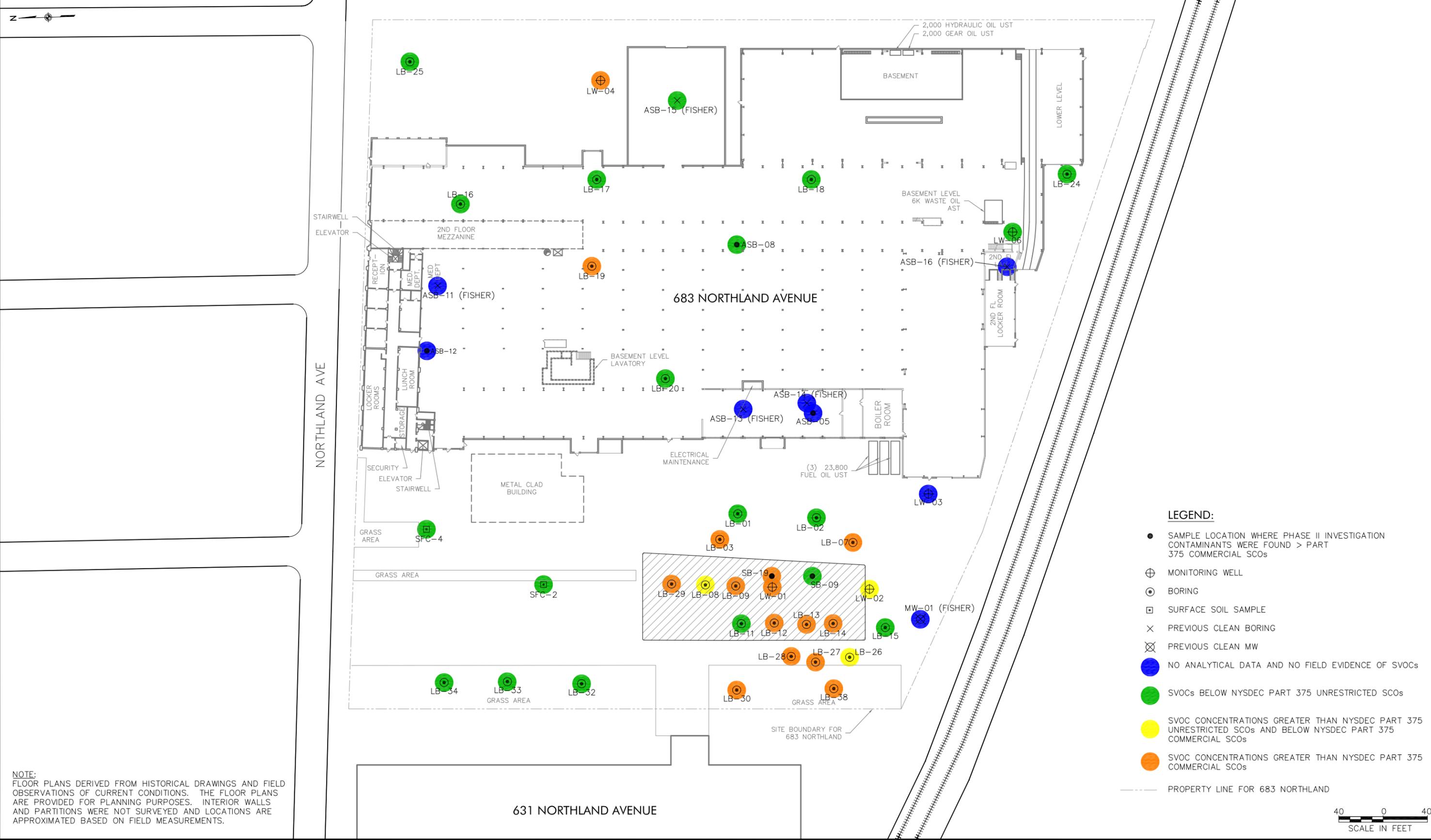
WARNING		
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.		
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:	DATE:	
A.M.K.	JANUARY 2018	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT
DRAWING TITLE:	
	VOCs IN SUB-SURFACE SOILS (> 4 FT BELOW GROUND SURFACE)

LIRO JOB NO.:	15-029-1054
SHEET OF	
FIGURE NO.	10-6



LEGEND:

- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCOs
- ⊕ MONITORING WELL
- ⊙ BORING
- ⊠ SURFACE SOIL SAMPLE
- × PREVIOUS CLEAN BORING
- ⊗ PREVIOUS CLEAN MW
- NO ANALYTICAL DATA AND NO FIELD EVIDENCE OF SVOCs
- SVOCs BELOW NYSDEC PART 375 UNRESTRICTED SCOs
- SVOC CONCENTRATIONS GREATER THAN NYSDEC PART 375 UNRESTRICTED SCOs AND BELOW NYSDEC PART 375 COMMERCIAL SCOs
- SVOC CONCENTRATIONS GREATER THAN NYSDEC PART 375 COMMERCIAL SCOs
- PROPERTY LINE FOR 683 NORTHLAND



NOTE:
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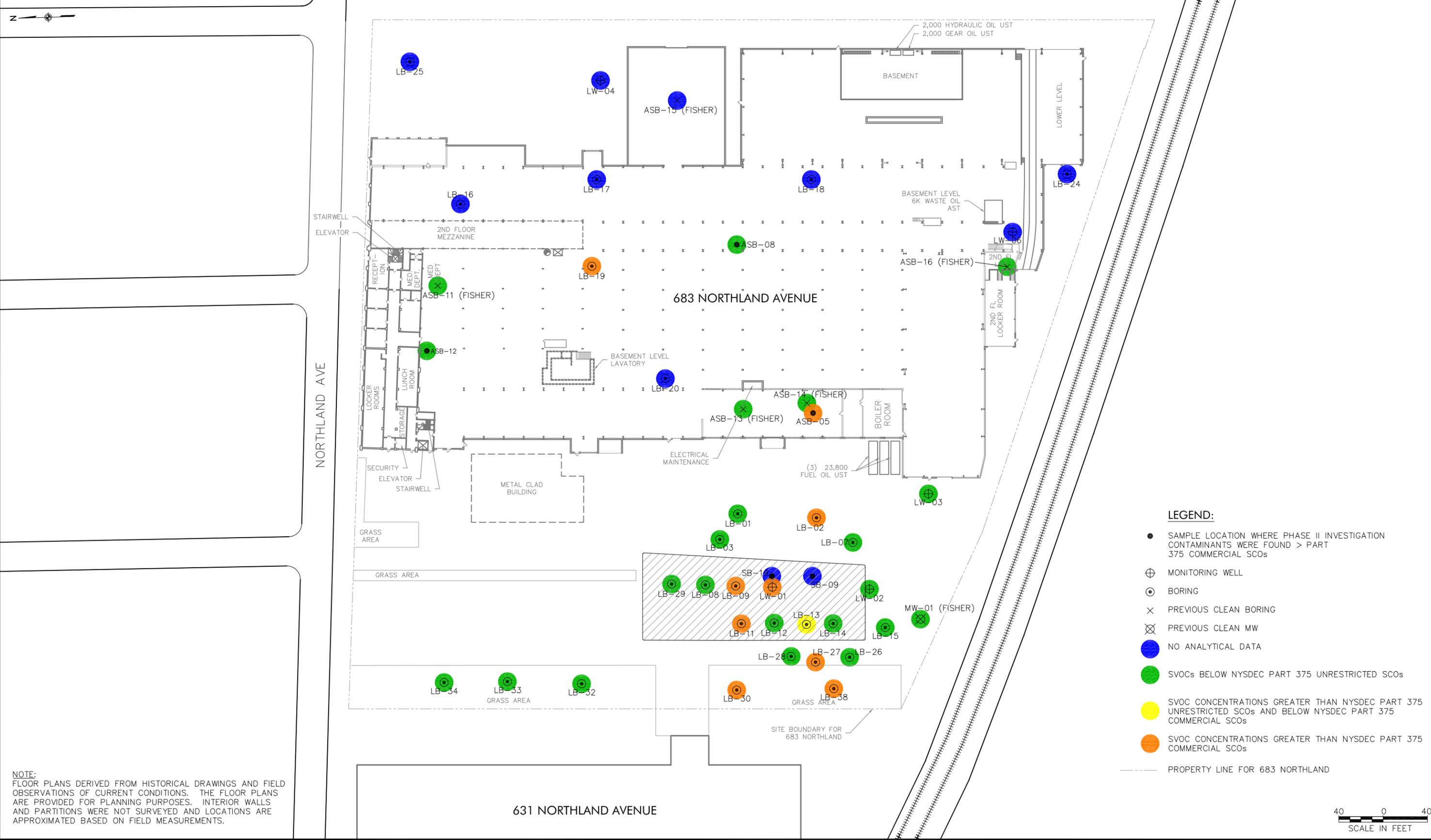
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	SVOCs IN SHALLOW SUB-SURFACE SOILS (0.2-4 FT BELOW GROUND SURFACE)	SHEET	OF
FIGURE NO.:	10-7		

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-7 SVOC Data Plot 0-ft Below.dwg 4/8/2018 11:18 AM



- LEGEND:**
- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCOs
 - ⊕ MONITORING WELL
 - ⊙ BORING
 - × PREVIOUS CLEAN BORING
 - ⊗ PREVIOUS CLEAN MW
 - NO ANALYTICAL DATA
 - SVOCs BELOW NYSDEC PART 375 UNRESTRICTED SCOs
 - SVOC CONCENTRATIONS GREATER THAN NYSDEC PART 375 UNRESTRICTED SCOs AND BELOW NYSDEC PART 375 COMMERCIAL SCOs
 - SVOC CONCENTRATIONS GREATER THAN NYSDEC PART 375 COMMERCIAL SCOs
 - PROPERTY LINE FOR 683 NORTHLAND



NOTE:
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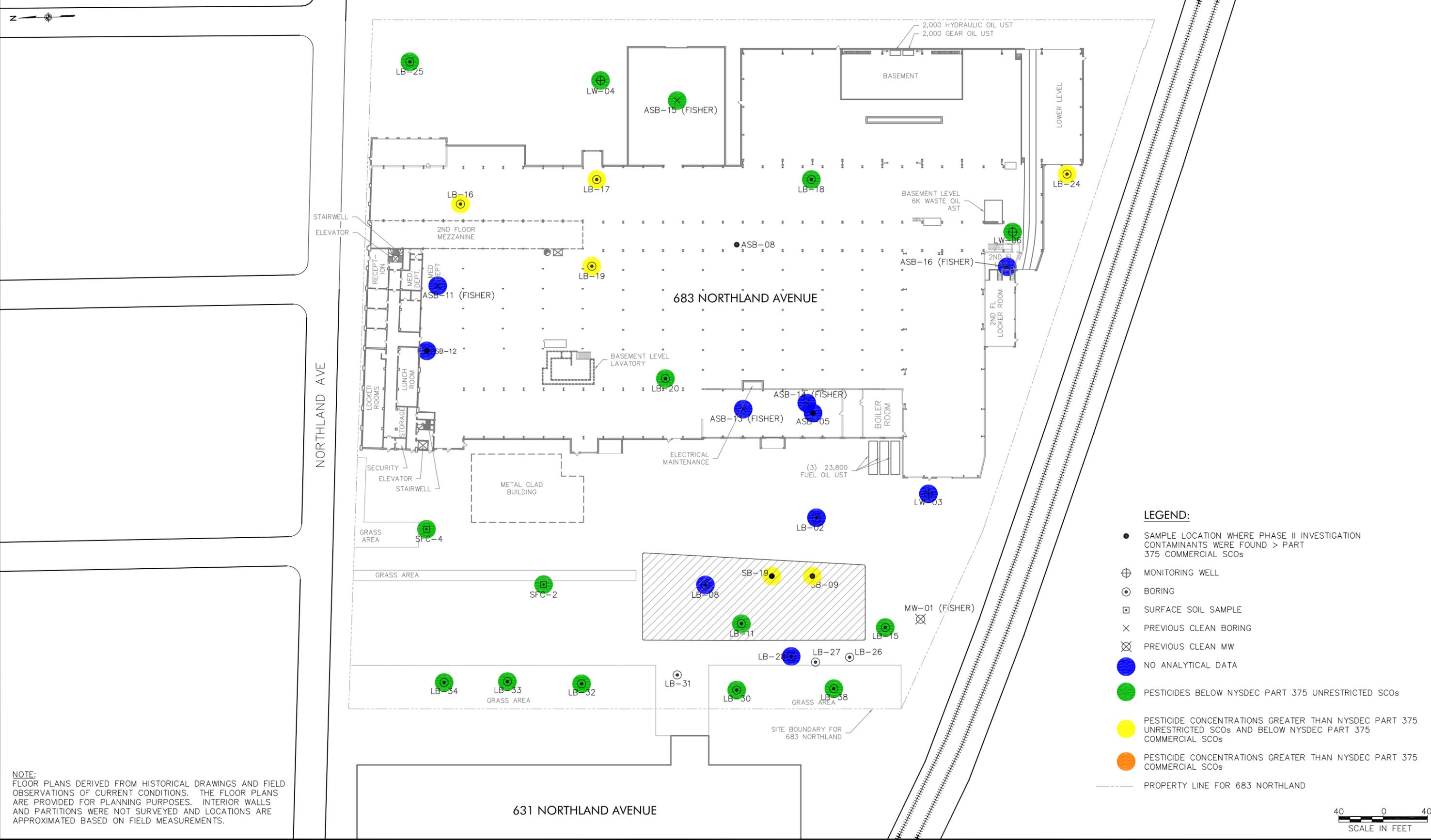
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:	DATE:	
A.M.K.	JANUARY 2018	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.: 15-029-1054
DRAWING TITLE:	SVOCs SUB-SURFACE SOILS (> 4 FT BELOW GROUND SURFACE)	SHEET OF
		FIGURE NO. 10-8

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-8 SVOC Soils 4ft Below.dwg 4/9/2018 11:20 AM



NOTE:
 FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

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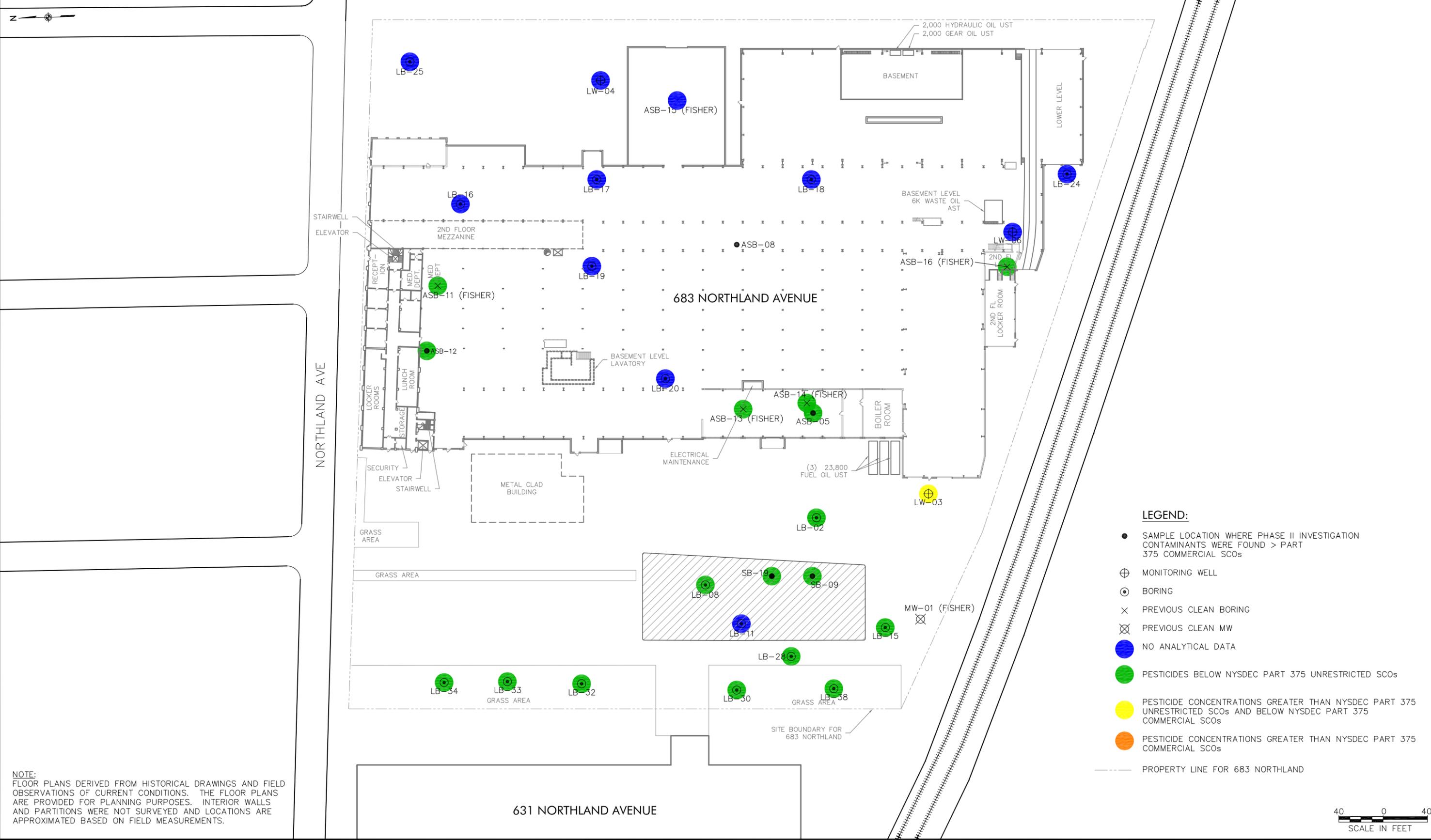
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	PESTICIDES IN SHALLOW SUB-SURFACE SOILS (0.2-4 FT BELOW GROUND SURFACE)	SHEET	OF
FIGURE NO.:	10-9		

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-9 Pesticide Soils 0-4ft Below.dwg 4/16/2018 11:22 AM



LEGEND:

- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCOs
- ⊕ MONITORING WELL
- ⊙ BORING
- × PREVIOUS CLEAN BORING
- ⊗ PREVIOUS CLEAN MW
- NO ANALYTICAL DATA
- PESTICIDES BELOW NYSDEC PART 375 UNRESTRICTED SCOs
- PESTICIDE CONCENTRATIONS GREATER THAN NYSDEC PART 375 UNRESTRICTED SCOs AND BELOW NYSDEC PART 375 COMMERCIAL SCOs
- PESTICIDE CONCENTRATIONS GREATER THAN NYSDEC PART 375 COMMERCIAL SCOs
- PROPERTY LINE FOR 683 NORTHLAND



NOTE:
 FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

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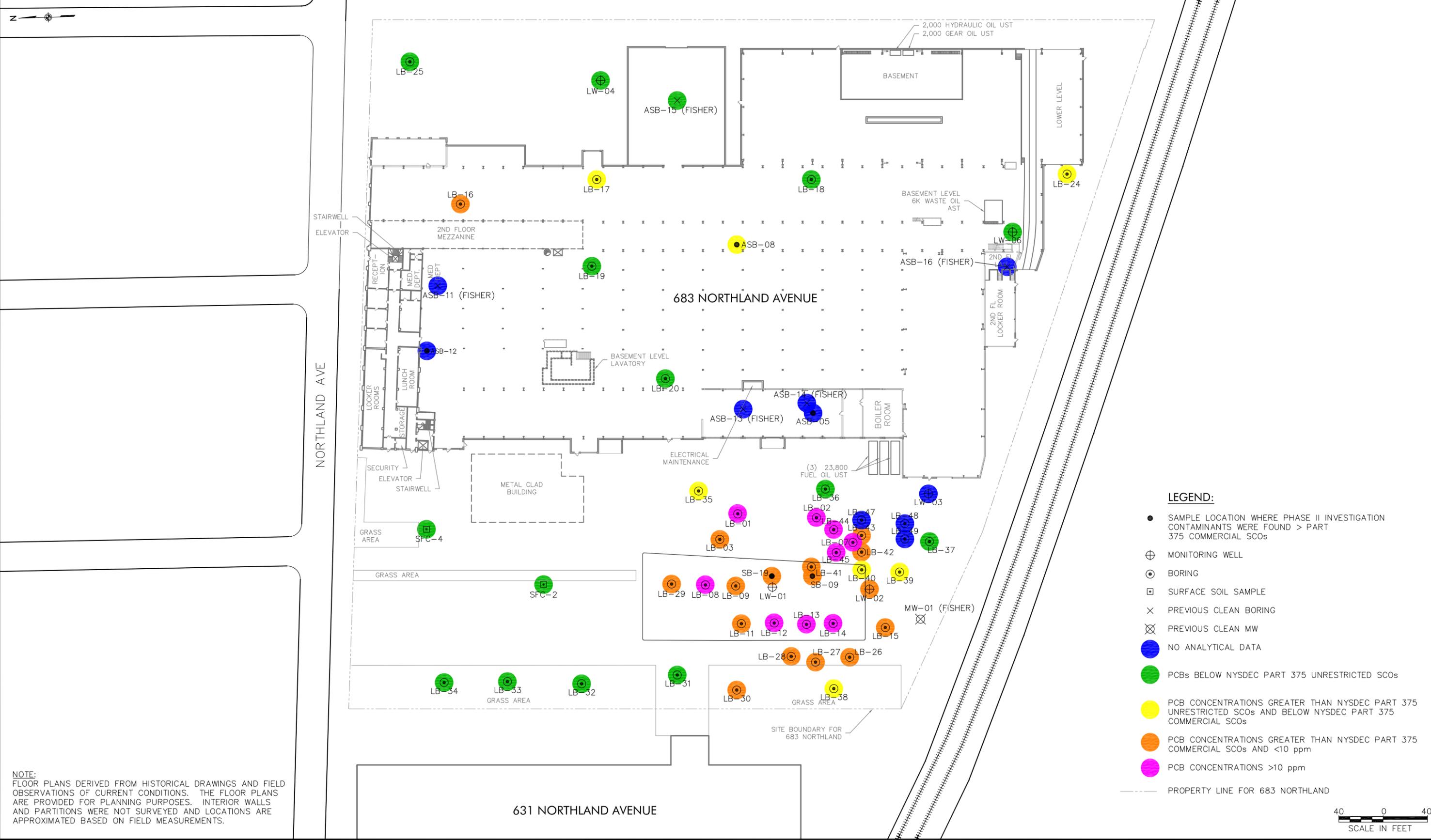
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:	DATE:	
A.M.K.	JANUARY 2018	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	LIRO JOB NO.:
683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	15-029-1054
DRAWING TITLE:	SHEET OF
PESTICIDES IN SUB-SURFACE SOILS (>4 FT BELOW GROUND SURFACE)	10-10

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-10 Pesticide Soils 4ft Below.dwg 4/9/2018 11:24 AM



- LEGEND:**
- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCOs
 - ⊕ MONITORING WELL
 - ⊙ BORING
 - ⊠ SURFACE SOIL SAMPLE
 - × PREVIOUS CLEAN BORING
 - ⊗ PREVIOUS CLEAN MW
 - NO ANALYTICAL DATA
 - PCBs BELOW NYSDEC PART 375 UNRESTRICTED SCOs
 - PCB CONCENTRATIONS GREATER THAN NYSDEC PART 375 UNRESTRICTED SCOs AND BELOW NYSDEC PART 375 COMMERCIAL SCOs
 - PCB CONCENTRATIONS GREATER THAN NYSDEC PART 375 COMMERCIAL SCOs AND <10 ppm
 - PCB CONCENTRATIONS >10 ppm
 - PROPERTY LINE FOR 683 NORTHLAND



NOTE:
 FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

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NO.	DATE	DESCRIPTION
REVISIONS		

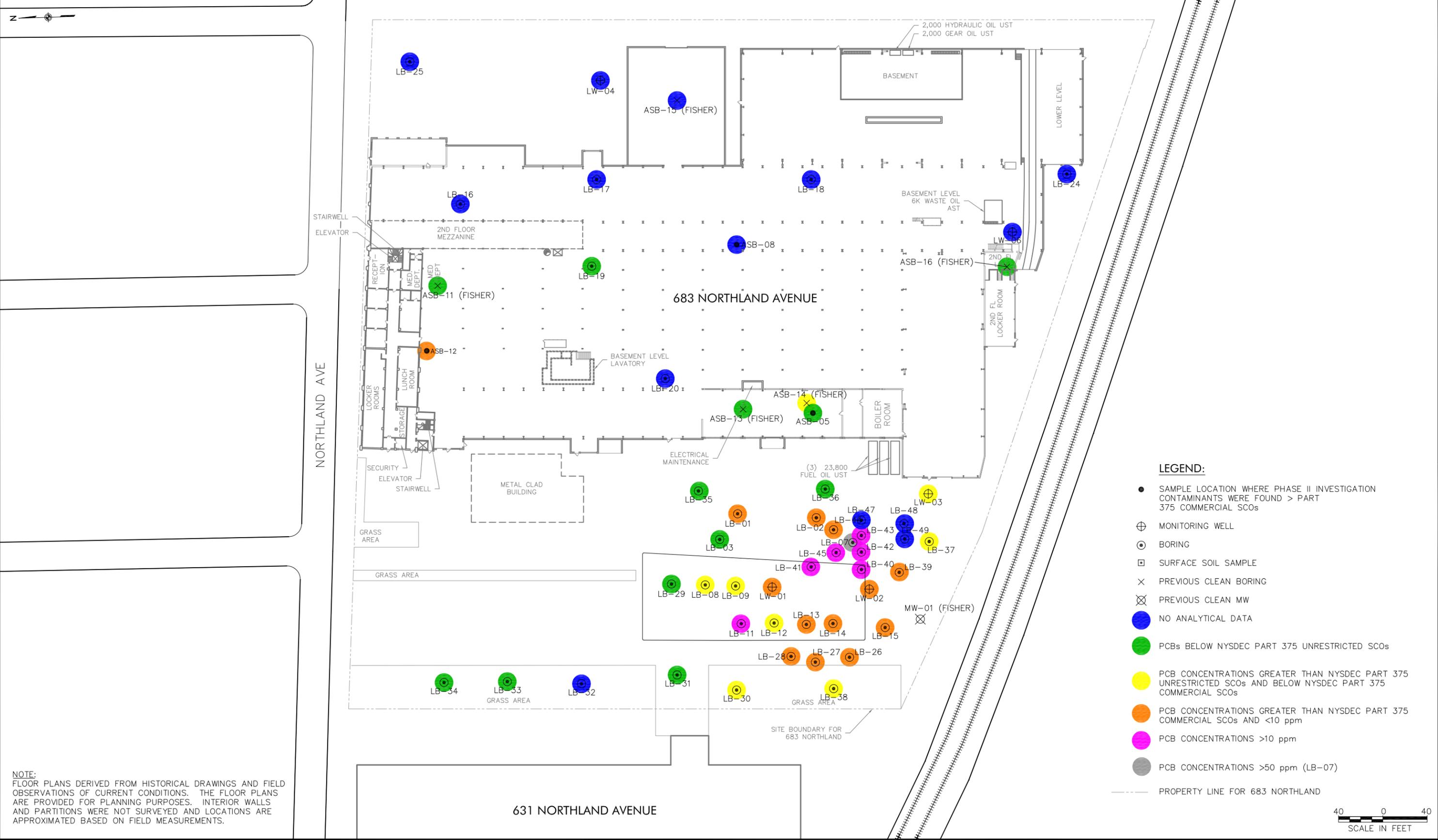


PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	LIRO JOB NO.:
683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	15-029-1054
DRAWING TITLE:	SHEET OF
PCBs IN SHALLOW SUB-SURFACE SOILS (0.2-4 FT BELOW GROUND SURFACE)	OF
FIGURE NO.:	
10-11	

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-11 PCB Data Dist 0-4ft Below.dwg 4/9/2018 11:28 AM

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-12 PCB Data Dist 4ft Below.dwg 4/9/2018 11:44 AM



NOTE:
 FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

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NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:	
DESIGNED BY:	683 NORTHLAND, LLC	
CHECKED BY:		
DRAWN BY:	DATE:	SCALE:
A.M.K.	JANUARY 2018	AS SHOWN

JOB TITLE AND LOCATION:	FIGURE NO.
683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	10-12
DRAWING TITLE:	
PCBs IN SUB-SURFACE SOILS (>4 FT BELOW GROUND SURFACE)	

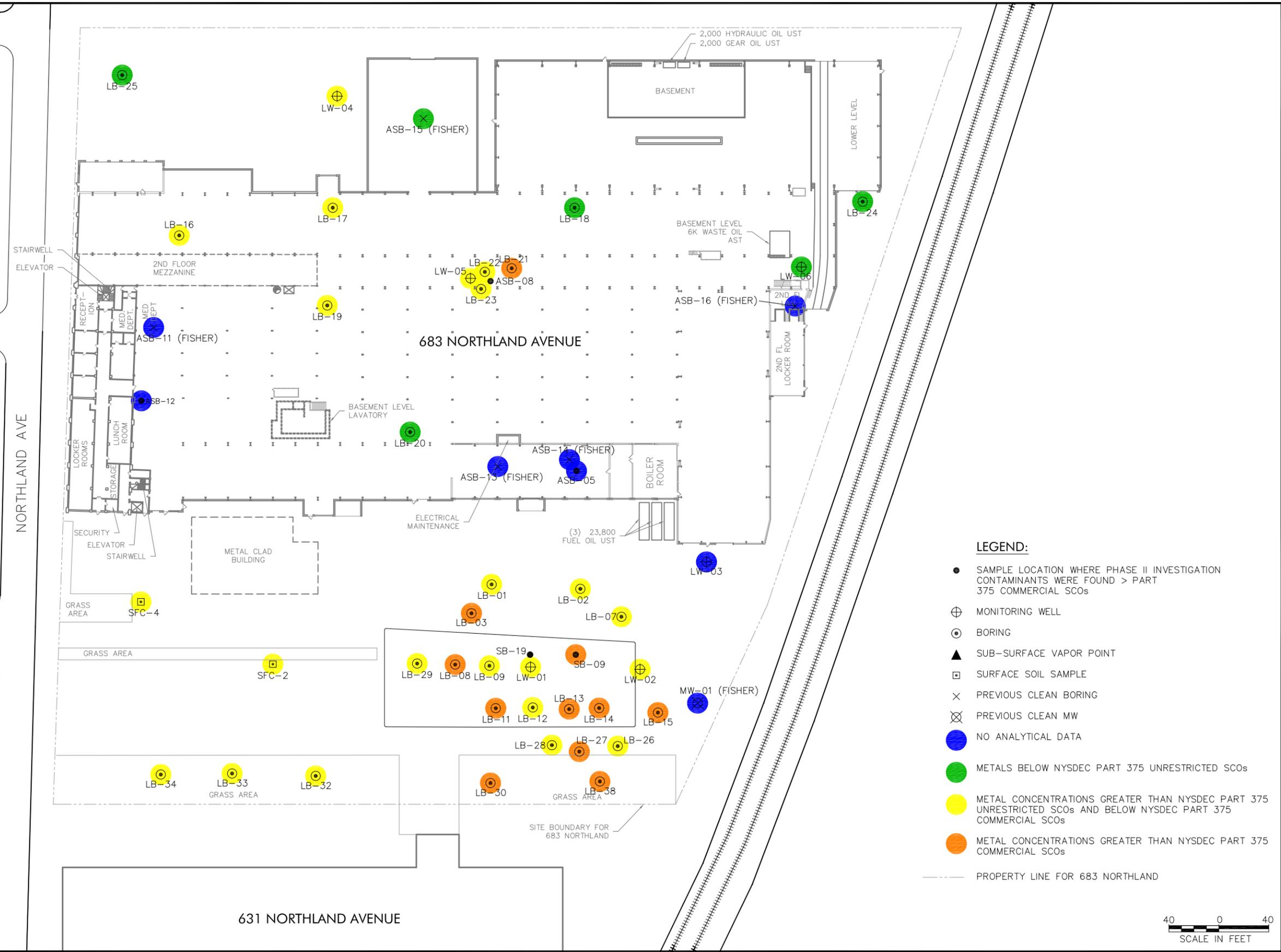




L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-13 Metals Data Dist. 0-4ft Below.dwg 4/8/2018 12:00 PM

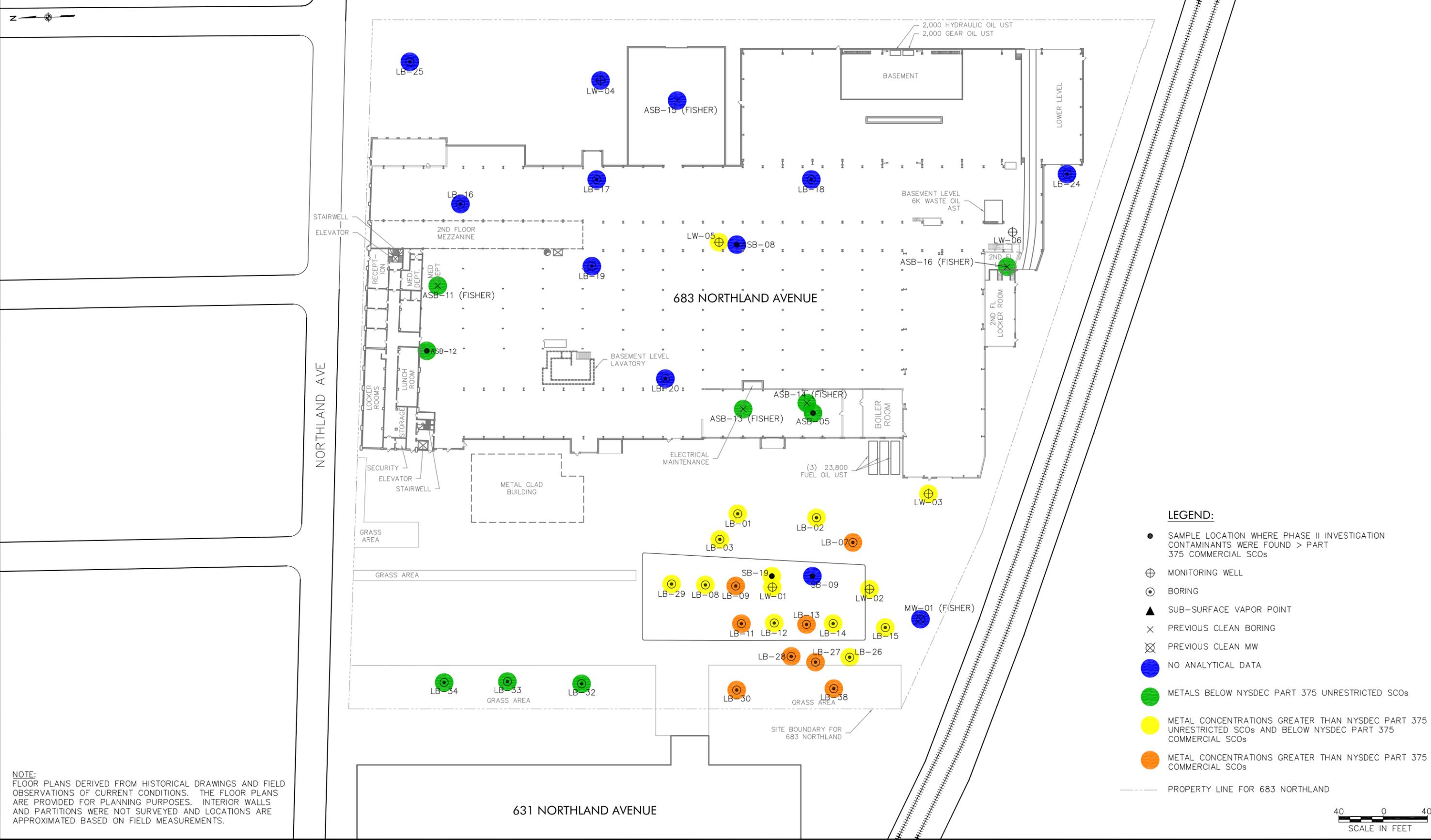
NOTE:
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<p>PROJ. ENG.: DESIGNED BY: CHECKED BY: DRAWN BY: A.M.K.</p>		<p>CLIENT: 683 NORTHLAND, LLC</p>		<p>JOB TITLE AND LOCATION: 683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT</p>		<p>LIRO JOB NO.: 15-029-1054</p>	
<p>NO. DATE DESCRIPTION</p>		<p>SCALE: AS SHOWN</p>		<p>DRAWING TITLE: METALS IN SHALLOW SUB-SURFACE SOILS (0.2-4 FT BELOW GROUND SURFACE)</p>		<p>SHEET OF</p>	
<p>REVISIONS</p>		<p>DATE: JANUARY 2018</p>		<p>FIGURE NO. 10-13</p>		<p>OF</p>	





NOTE:
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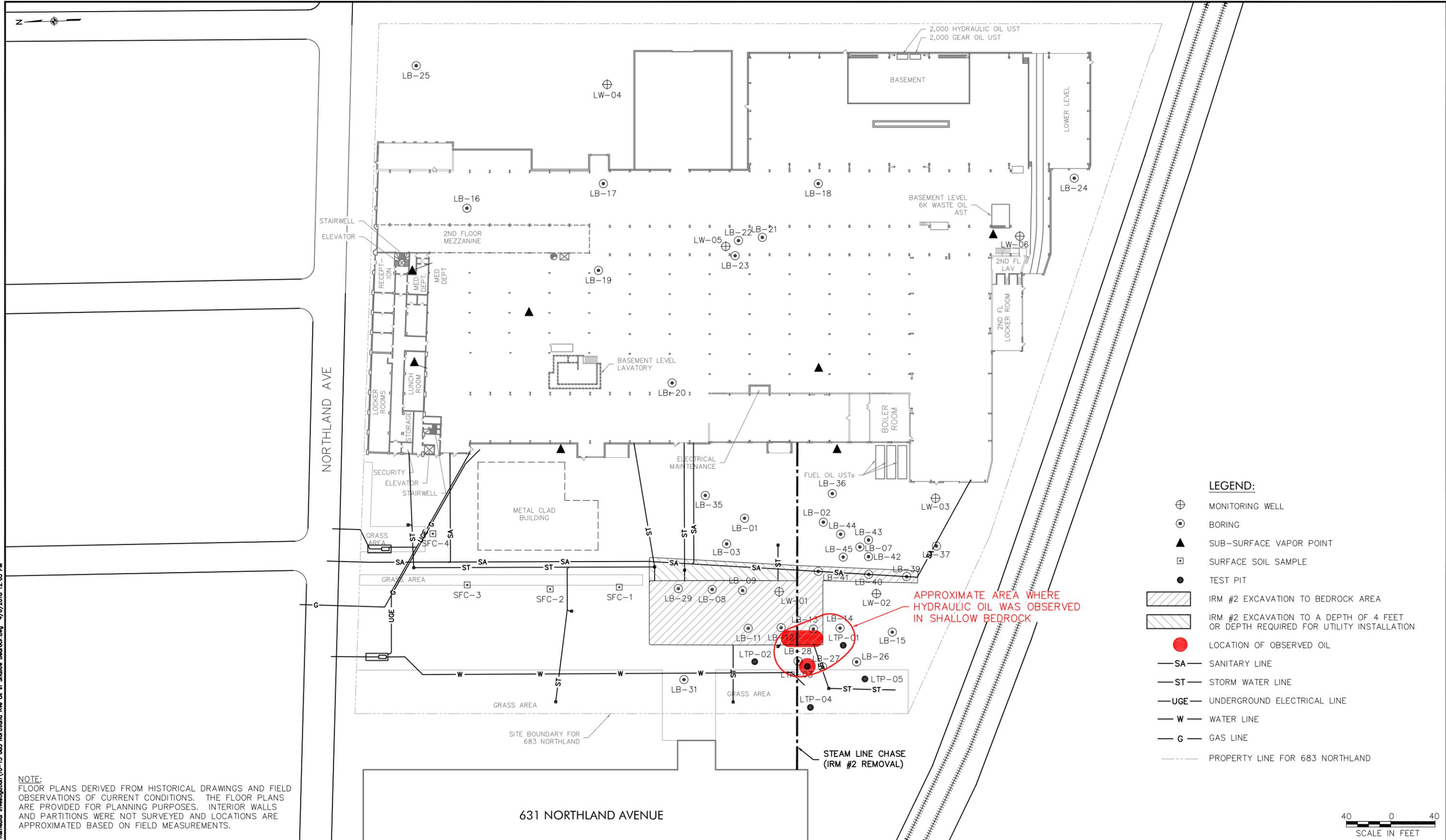
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	METALS IN SUB-SURFACE SOILS (>4 FT BELOW GROUND SURFACE)	SHEET	OF
FIGURE NO.:	10-14		

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-14 Metals Data Dist. 4t Below.dwg 4/8/2018 12:01 PM



LEGEND:

- ⊕ MONITORING WELL
- ⊙ BORING
- ▲ SUB-SURFACE VAPOR POINT
- SURFACE SOIL SAMPLE
- TEST PIT
- ▨ IRM #2 EXCAVATION TO BEDROCK AREA
- ▩ IRM #2 EXCAVATION TO A DEPTH OF 4 FEET OR DEPTH REQUIRED FOR UTILITY INSTALLATION
- LOCATION OF OBSERVED OIL
- SA— SANITARY LINE
- ST— STORM WATER LINE
- UGE— UNDERGROUND ELECTRICAL LINE
- W— WATER LINE
- G— GAS LINE
- PROPERTY LINE FOR 683 NORTHLAND



NOTE:
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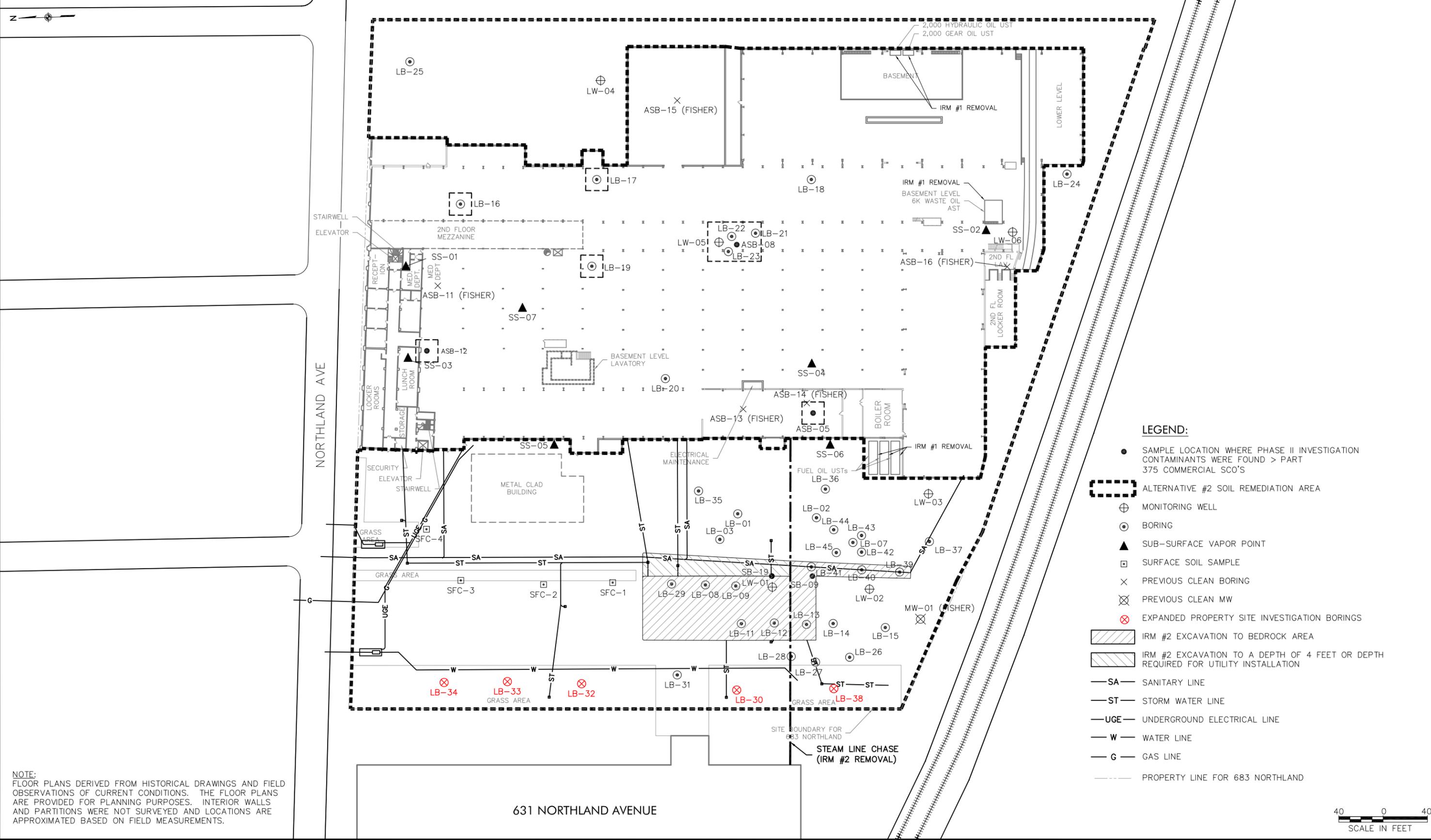
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:	683 NORTHLAND, LLC
DESIGNED BY:		
CHECKED BY:		
DRAWN BY:		
A.M.K.	OCTOBER 2017	SCALE: AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	OIL IN SHALLOW BEDROCK	SHEET	OF
		FIGURE NO.	10-15

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\10-15 683 Northland Ave Oil in Shallow Bedrock.dwg 4/9/2018 12:03 PM



NOTE:
 FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

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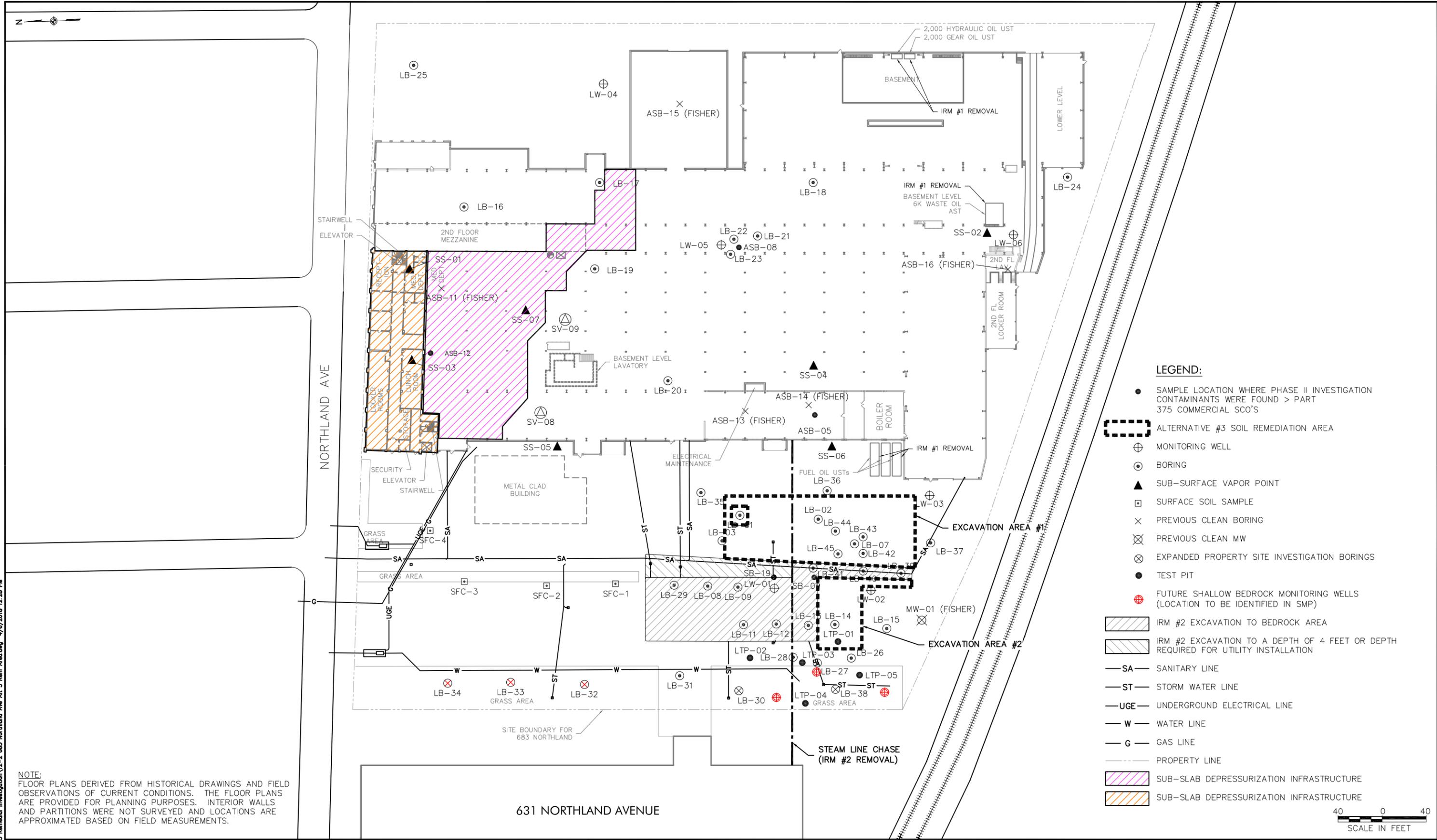
NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	ALTERNATIVE #2 REMEDIATION AREA	SHEET	OF
FIGURE NO.:	12-1		

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\12-1 683 Northland Ave Alt 2 Rem Area.dwg 4/8/2018 12:28 PM



NOTE:
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NO.	DATE	DESCRIPTION
REVISIONS		



PROJ. ENG.:	CLIENT:
DESIGNED BY:	683 NORTHLAND, LLC
CHECKED BY:	
DRAWN BY:	DATE:
A.M.K.	JANUARY 2018
SCALE:	AS SHOWN

JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE REMEDIAL INVESTIGATION AND ALTERNATIVE ANALYSIS REPORT	LIRO JOB NO.:	15-029-1054
DRAWING TITLE:	ALTERNATIVE #3 REMEDIATION AREA	SHEET	OF
FIGURE NO.:	12-2		

L:\15-029-1054_BUDG\CAD\683 Remedial Investigation\12-2 683 Northland Ave Alt 3 Rem Area.dwg 4/8/2018 12:28 PM



TABLES

Table 4-1

**Soil Sample Collection and Analysis Summary
Western New York Workforce Training Center Remedial Investigation (C915310)
Remedial Investigation**

Location ID	Sample ID	Analysis Performed							QA/QC	Total Depth
		PID	VOCs	SVOCs	PCBs	Pesticides	RCRA Metals	TAL Metals		
LB-01	LB-01-COMP1-0-4	0.0		X	X		X			9.8
	LB-01-COMP2-4-9.8	0.0		X	X		X			
LB-02	LB-02-COMP1-0-4	0.0		X	X		X			9.2
	LB-02-COMP2-4-9.2	0.0		X	X	X		X		
	LB-02-8-8.5	0.0	X							
LB-03	LB-03-COMP1-0-4	0.0-11.7		X	X		X			9.9
	LB-03-COMP2-4-9.9	0.0		X	X		X			
LB-07	LB-07-COMP1-0-4	17.9-32.4		X	X		X			9.7
	LB-07-COMP2-4-9.7	0.0-66.2		X	X		X			
	LB-07-1-1.5	32.4	X							
	LB-07-4.5-5	66.2	X							
LB-08	LB-08-COMP1-0-4	0.0-2.5		X	X		X			10.2
	LB-08-COMP2-4-10.2	0.0-428		X	X	X		X		
	LB-08-9-10	428.0	X							
LB-09	LB-09-COMP1-0-4	3.1-21.9		X	X		X			10.7
	LB-09-COMP2-4-10.7	0.0-67.8		X	X		X			
	LB-09-3-3.5	18.2	X							
	LB-09-4.5-5	67.8	X							
LB-11	LB-11-COMP1-0-4	0.0		X	X	X		X		9
	LB-11-COMP2-4-9	0.0		X	X		X			
LB-12	LB-12-COMP1-0-4	0.0-32.6		X	X		X			9
	LB-12-COMP2-4-9	0.0-26.8		X	X		X		MS/MSD	
	LB-12-1-1.5	32.6	X							
	LB-12-1.5-2	NA	X						DUPLICATE OF LB-12-1-1.5	
LB-13	LB-12-4-4.5	26.8	X							
	LB-13-COMP1-0-4	NA		X	X		X			9.8
	LB-13-COMP2-4-9.8	NA		X	X		X			
	LB-13-COMP3-10-15	NA		X	X		X		DUPLICATE OF LB-13-COMP2-4-9.8	
	LB-13-3-3.5	4.1	X							
LB-13-5-5.5	4.1	X								
LB-14	LB-14-COMP1-0-4	NA		X	X		X			10.5
	LB-14-COMP2-4-10.5	NA		X	X		X			
	LB-14-3.5-4	53.6	X							
	LB-14-5-5.5	217.0	X							
	LB-14-10-10.5	NA	X						DUPLICATE OF LB-14-5-5.5	
LB-15	LB-15-COMP1-0-4	0.0		X	X	X		X		8.5
	LB-15-COMP2-4-8.5	0.0		X	X	X		X		
	LB-15-3.5-4	0.0	X							
	LB-15-5-5.5	0.0	X							
LB-16	LB-16-COMP1-0-2	2.0-24.4	X	X	X	X		X		2
LB-17	LB-17-COMP1-1-3	0.0	X	X	X	X		X		5.4
LB-18	LB-18-COMP1-0-4	0.0-144		X	X	X		X		9.2
	LB-18-0-2	44.9-144	X							
LB-19	LB-19-COMP1-0-5.4	0.0-9.1	X	X	X	X		X		7
	LB-19-COMP2-5.4-7	NA	X	X	X	X		X	DUPLICATE OF LB-19-COMP1-0-5.4	

Table 4-1

**Soil Sample Collection and Analysis Summary
Western New York Workforce Training Center Remedial Investigation (C915310)
Remedial Investigation**

Location ID	Sample ID	Analysis Performed								QA/QC	Total Depth
		PID	VOCs	SVOCs	PCBs	Pesticides	RCRA Metals	TAL Metals	TCLP/SPLP Metals		
LB-20	LB-20-COMP1-0-4	0.0-98.8	X	X	X	X		X			7.2
LB-21	LB-21-COMP1-0-4	0.0-2.2					X		X		7.4
LB-22	LB-22-VOC1-4-6	12.1-20.4	X								8.2
	LB-22-COMP1-0-4	0.0					X		X		
LB-23	LB-23-COMP1-0-4	0.0-33.8					X		X		8.7
LB-24	LB-24-COMP1-1-3	0.0	X	X	X	X		X			8.2
LB-25	LB-25-COMP1-0-2.4	0.0	X	X	X	X		X			2.4
LB-26	LB-26-COMP1-0-4	2.4-4.1		X	X		X				7.8
	LB-26-COMP2-4-7.8	1.6-68.4		X	X		X				
	LB-26-1.3-1.8	4.1	X								
	LB-26-4.5-5	68.4	X								
LB-27	LB-27-COMP1-0-4	0.5-9.3		X	X		X				10.3
	LB-27-COMP2-4-10.3	12.2-33.5		X	X		X				
	LB-27-5.5-6	33.5	X								
LB-28	LB-28-COMP1-0-4	0.0		X	X		X				11
	LB-28-COMP2-4-11	0.0-2.1		X	X	X		X			
	LB-28-10.5-11	SHEEN	X								
LB-29	LB-29-COMP1-0-4	0.0		X	X		X				9.3
	LB-29-COMP2-4-9.3	0.0		X	X		X				
LB-30	LB-30-COMP1 (0 - 4')	0.1		X	X	X		X			10.2
	LB-30-COMP2 (4 - 10.2')	0.0		X	X	X		X			
LB-31	LB-31-COMP1 (0 - 4')	0.9		X	X	X		X		MS/MSD	11
	LB-31-COMP2 (4 - 11')	0.0		X	X	X		X			
LB-32	LB-32-COMP1 (0 - 4')	0.0		X	X	X		X			5.8
	LB-32-COMP2 (4 - 5.8')	0.0		X	X	X		X			
LB-33	LB-33-COMP1 (0 - 4')	4.6		X	X	X		X			6.7
	LB-33-COMP2 (4 - 6.7')	0.0		X	X	X		X			
LB-34	LB-34-COMP1 (0 - 4')	0.1		X	X	X		X			6.2
	LB-34-COMP2 (4 - 6.2')	0.0		X	X	X		X			
LB-35	LB-35-COMP1 (0 - 4')	1.7			X						9
	LB-35-COMP2 (0 - 4')	1.7			X					Duplicate of LB-35-COMP1	
	LB-35-COMP3 (4 - 9')	0.0			X						
LB-36	LB-36-COMP1 (0 - 4')	1.7			X						11
	LB-36-COMP2 (4 - 11')	0.8			X						
LB-37	LB-37-COMP1 (0 - 4')	5.4			X						11.3
	LB-37-COMP2 (4 - 11.3')	1.5			X						
LB-38	LB-29-COMP1 (0 - 4')	1.1		X	X	X		X			8.7
	LB-29-COMP2 (4 - 8.7')	1.4		X	X	X		X			
LB-39	LB-39-0-4	9.4			X						10.5
	LB-39-4-10.5	22.3			X						
LB-40	LB-40-0-4	110			X						10
	LB-40-4-10	1,228			X						

Table 4-1

**Soil Sample Collection and Analysis Summary
Western New York Workforce Training Center Remedial Investigation (C915310)
Remedial Investigation**

Location ID	Sample ID	Analysis Performed							QA/QC	Total Depth	
		PID	VOCs	SVOCs	PCBs	Pesticides	RCRA Metals	TAL Metals			TCLP/SPLP Metals
	LB-40-5.5-6.5	1,228	X								
LB-41	LB-41-0-4	314.0			X						11.3
	LB-41-4-11.3	51.3			X					Duplicate of LB-41-4-11.3	
	LB-41-11.3-15	51.3			X						
LB-42	LB-42-0-4	5.9			X					10	
	LB-42-4-10	231.0			X						
LB-43	LB-43-0-4	127.0			X					10	
	LB-43-4-10	1.1			X						
LB-44	LB-44-0-4	31.4			X					10	
	LB-44-4-10	39.5			X						
LB-45	LB-45-0-4	1.9			X					10	
	LB-45-4-10	4.0			X						
LW-01	LW-01-COMP1-0-4	2.9-32.3		X	X		X			10.2	
	LW-01-COMP2-4-10.2	3.4-15.8		X	X		X		MS/MSD		
	LW-01-VOC1-2-4	32.3	X								
	LW-01-VOC2-6-8	15.8	X								
LW-02	LW-02-COMP1-1-0-4	43.2-92.6		X	X		X			9.8	
	LW-02-COMP2-4-9.8	12.9-77.8		X	X		X				
	LW-02-VOC1-0-2	92.6	X								
	LW-02-VOC2-8-9.8	77.8	X								
LW-03	LW-03-COMP1-4-8	11.3-16.7	X	X	X	X		X	MS/MSD	8	
LW-04	LW-04-COMP1-0-4.10	0.0	X	X	X	X		X		5	
LW-05	LW-05-COMP1-0-6	0.0-4.7					X		X	8.2	
LW-06	LW-06-COMP1-0-4	5-16.2		X	X	X		X		12.6	
	LW-06-2-4	5.0	X								
SFC-1	SFC-1-Surface (0 - 2")	0.0		X	X	X		X		2	
SFC-2	SFC-2-Surface (0 - 2")	0.0		X	X	X		X		2	
	SFC-2-2-12 (2 - 12")	0.0		X	X	X		X			
SFC-3	SFC-3-Surface (0 - 2")	0.0		X	X	X		X		2	
SFC-4	SFC-4-Surface (0 - 2")	0.0		X	X	X		X		2	
	SFC-4-2-12 (2 - 12")	0.0		X	X	X		X			

TABLE 5-1

**SUMMARY OF GROUNDWATER ELEVATIONS
APRIL 2017 MONITORING EVENT**

**Western New York Workforce Training Center (C915301)
Remedial Investigation**

Well ID	Top of Casing Elevation (ft. AMSL)	4/6/17 Depth to Water (ft. BTOC)	Groundwater Elevation (ft. AMSL)
LW-01	643.45	10.29	633.16
LW-02	643.07	9	634.07
LW-03	644.29	10.21	634.08
LW-04	644.47	9.14	635.33
LW-05	644.28	9.93	634.35
LW-06	644.40	11.37	633.03

Notes:

ft. AMSL - feet above mean sea level.

ft. BTOC - feet below top of casing.

TABLE 5-2

**SUMMARY OF GROUNDWATER ELEVATIONS
NOVEMBER 2017 MONITORING EVENT**

**Western New York Workforce Training Center (C915310)
Remedial Investigation**

Well ID	Top of Casing Elevation (ft. AMSL)	11/14/2017	Groundwater Elevation (ft. AMSL)
LW-01	643.45	11.23	632.22
LW-02	643.07	NM	NA
LW-03	644.29	10.37	633.92
LW-04	644.47	10.58	633.89
LW-05	644.28	11.71	632.57
LW-06	644.40	16.16	628.24

Notes:

ft. AMSL - feet above mean sea level.

ft. BTOC - feet below top of casing.

NM - Not measured.

NA - Not available.

TABLE 6-1

**Volatile Organic Compounds (VOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth					
		Unrestricted SCO	Commercial SCO	LB-02	LB-07	LB-07	LB-07	LB-08	LB-09
				LB-02-8-8.5	LB-07-1-1.5	LB-07-4.5-5	LB-07-8-8.5	LB-08-9-10	LB-09-3-3.5
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/10/2017	2/9/2017
8 to 8.5	1 to 1.5	4.5 to 5	8 to 8.5	9 to 10	3 to 3.5				
Volatile Organic Analytes									
Acetone	mg/kg	0.05	500	ND	ND	ND	ND	ND	ND
Benzene	mg/kg	0.06	44	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	ND	ND	ND	ND	ND	ND
N-Butylbenzene	mg/kg	12	500	ND	0.5	0.28	ND	0.043	1.9 D
Sec-Butylbenzene	mg/kg	11	500	ND	1	0.47	ND	0.014	2.9 D
tert-Butylbenzene	mg/kg	5.9	500	ND	ND	0.085	ND	ND	0.39 D
Carbon Disulfide	mg/kg	NS	NS	0.0083	ND	ND	ND	ND	ND
Chlorobenzene	mg/kg	1.1	500	ND	ND	ND	ND	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND	0.23	ND	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	0.11	ND	ND	ND	ND
Ethylbenzene	mg/kg	1	390	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	mg/kg	NS	NS	ND	0.074 J	ND	ND	0.0088	0.4 D
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	ND	ND	ND	ND	0.0044	3.5 D
Methyl Acetate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	ND	ND
Methylcyclohexane	mg/kg	NS	NS	ND	0.32 J	0.17	0.068	0.024	ND
Methylene Chloride	mg/kg	0.05	500	ND	ND	ND	ND	ND	ND
Naphthalene	mg/kg	NS	NS	0.022	0.21	ND	ND	0.011	ND
N-Propylbenzene	mg/kg	3.9	500	ND	0.18 J	ND	ND	0.05	0.92 D
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	ND	ND	ND	ND	ND
Toluene	mg/kg	0.7	500	ND	0.09 J	ND	ND	ND	ND
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	0.18 J	ND	ND	ND	ND
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	mg/kg	3.6	190	ND	0.39	0.13	ND	0.12	3 D
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	ND	0.13 J	ND	ND	0.027	1.7 D
m,p-Xylene	mg/kg	0.26	500	ND	ND	ND	ND	ND	ND
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	ND	0.12 J	0.095	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
D - Diluted
E - Estimated
JH - Estimated High
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-1

**Volatile Organic Compounds (VOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth					
		Unrestricted SCO	Commercial SCO	LB-09	LB-12	LB-12	LB-12	LB-13	LB-13
				LB-09-4.5-5	LB-12-1-1.5	LB-12-1.5-2	LB-12-4-4.5	LB-13-3-3.5	LB-13-5-5.5
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017
4.5 to 5	1 to 1.5	1 to 1.5 (Duplicate)	4 to 4.5	3 to 3.5	5 to 5.5				
Volatile Organic Analytes									
Acetone	mg/kg	0.05	500	ND	ND	ND	ND	0.29	ND
Benzene	mg/kg	0.06	44	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	ND	ND	ND	ND	ND	ND
N-Butylbenzene	mg/kg	12	500	1.9 D	2.9	3.2 D	0.48	ND	ND
Sec-Butylbenzene	mg/kg	11	500	2.2 D	1.8	1.9 D	0.34	ND	ND
tert-Butylbenzene	mg/kg	5.9	500	0.3 D	0.18	0.19 D	ND	ND	ND
Carbon Disulfide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Chlorobenzene	mg/kg	1.1	500	ND	ND	ND	ND	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	ND	ND	ND	ND	ND
Ethylbenzene	mg/kg	1	390	ND	1.2 J	2.4 D	0.29	ND	ND
Isopropylbenzene (Cumene)	mg/kg	NS	NS	ND	0.38 J	0.43 D	0.091	ND	ND
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	1.4 D	2	3.2 D	0.21	ND	0.004
Methyl Acetate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	ND	ND
Methylcyclohexane	mg/kg	NS	NS	ND	9.7 J	12 D	1.5	0.005	0.0042
Methylene Chloride	mg/kg	0.05	500	ND	ND	ND	ND	ND	ND
Naphthalene	mg/kg	NS	NS	ND	0.86	1.3 D	0.29	ND	ND
N-Propylbenzene	mg/kg	3.9	500	0.52 D	0.88 J	1 D	0.2	ND	ND
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	ND	ND	ND	ND	ND
Toluene	mg/kg	0.7	500	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	mg/kg	3.6	190	2 D	7	15 D	1.2	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	2 D	1.9 J	4.4 D	0.34	ND	ND
m,p-Xylene	mg/kg	0.26	500	ND	2.5 J	6.5 D	0.93	ND	ND
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	ND	0.14 J	0.39 D	0.087	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
D - Diluted
E - Estimated
JH - Estimated High
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-1

**Volatile Organic Compounds (VOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth					
		Unrestricted SCO	Commercial SCO	LB-14	LB-14	LB-14	LB-15	LB-15	LB-16
				LB-14-3.5-4	LB-14-5-5.5	LB-14-10-10.5	LB-15-3.5-4	LB-15-5-5.5	LB-16-COMP1-0-2
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/13/2017
3.5 to 4	5 to 5.5	5 to 5.5 (Duplicate)	3.5 to 4	5 to 5.5	0 to 2				
Volatile Organic Analytes									
Acetone	mg/kg	0.05	500	ND	0.18	ND	0.19	ND	ND
Benzene	mg/kg	0.06	44	0.27 J	0.0041	ND	ND	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	ND	ND	ND	ND	ND	ND
N-Butylbenzene	mg/kg	12	500	13	ND	ND	ND	ND	ND
Sec-Butylbenzene	mg/kg	11	500	5	ND	ND	ND	ND	ND
tert-Butylbenzene	mg/kg	5.9	500	0.21	ND	ND	ND	ND	ND
Carbon Disulfide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Chlorobenzene	mg/kg	1.1	500	ND	ND	ND	ND	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	ND	ND	0.0028	ND	ND
Ethylbenzene	mg/kg	1	390	1.4 J	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	mg/kg	NS	NS	1.3 J	ND	ND	ND	ND	ND
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	0.16	ND	ND	ND	ND	ND
Methyl Acetate	mg/kg	NS	NS	ND	ND	0.003 J	ND	ND	ND
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	ND	ND
Methylcyclohexane	mg/kg	NS	NS	2.3 J	0.01	0.01	ND	ND	ND
Methylene Chloride	mg/kg	0.05	500	ND	ND	ND	ND	ND	ND
Naphthalene	mg/kg	NS	NS	2.6	ND	ND	ND	ND	ND
N-Propylbenzene	mg/kg	3.9	500	9.9 J	ND	ND	ND	ND	ND
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	ND	ND	ND	ND	ND
Toluene	mg/kg	0.7	500	2 J	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	0.0026	ND	ND	ND
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	mg/kg	3.6	190	4.8	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	1.9	ND	ND	ND	ND	ND
m,p-Xylene	mg/kg	0.26	500	4.3 J	ND	ND	ND	ND	ND
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	0.6 J	ND	ND	0.0027	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
D - Diluted
E - Estimated
JH - Estimated High
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-1

**Volatile Organic Compounds (VOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth					
		Unrestricted SCO	Commercial SCO	LB-17	LB-18	LB-19	LB-19	LB-20	LB-22
				LB-17-COMP1-1-3	LB-18-0-2	LB-19-COMP1-0-5.4	LB-19-COMP2-5.4-7	LB-20-COMP1-0-4	LB22-VOC1-4-6
				2/13/2017	2/10/2017	2/13/2017	2/13/2017	2/13/2017	2/13/2017
1 to 3	0 to 2	0 to 5.4	0 to 5.4 (Duplicate)	0 to 4	4 to 6				
Volatile Organic Analytes									
Acetone	mg/kg	0.05	500	ND	ND	ND	ND	ND	ND
Benzene	mg/kg	0.06	44	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	ND	ND	ND	ND	ND	ND
N-Butylbenzene	mg/kg	12	500	ND	ND	ND	ND	ND	ND
Sec-Butylbenzene	mg/kg	11	500	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	mg/kg	5.9	500	ND	ND	ND	ND	ND	ND
Carbon Disulfide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Chlorobenzene	mg/kg	1.1	500	ND	ND	ND	ND	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	ND	0.0046	0.011	ND	ND
Ethylbenzene	mg/kg	1	390	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	mg/kg	NS	NS	ND	0.0025	ND	ND	ND	ND
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl Acetate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	0.039	ND
Methylcyclohexane	mg/kg	NS	NS	ND	0.0041	ND	ND	0.0075	ND
Methylene Chloride	mg/kg	0.05	500	ND	ND	ND	ND	ND	ND
Naphthalene	mg/kg	NS	NS	ND	0.057	ND	ND	ND	0.0063
N-Propylbenzene	mg/kg	3.9	500	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	ND	ND	ND	ND	ND
Toluene	mg/kg	0.7	500	ND	0.0032	ND	ND	ND	ND
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND	0.0027	0.0076	ND	ND
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	0.0061	ND
1,2,4-Trimethylbenzene	mg/kg	3.6	190	ND	0.0055	ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	ND	0.0022	ND	ND	ND	ND
m,p-Xylene	mg/kg	0.26	500	ND	0.0061	ND	ND	ND	ND
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	ND	0.0025	ND	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
D - Diluted
E - Estimated
JH - Estimated High
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-1

**Volatile Organic Compounds (VOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth					
		Unrestricted SCO	Commercial SCO	LB-24	LB-25	LB-26	LB-26	LB-27	LB-28
				LB-24-COMP1-1-3	LB-25-COMP1-0-2.4	LB-26-1.3-1.8	LB-26-4.5-5	LB-27-5.5-6	LB-28-10.5-11
				2/13/2017	2/15/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017
1 to 3	0 to 2.4	1.3 to 1.8	4.5 to 5	5.5 to 6	10.5 to 11				
Volatile Organic Analytes									
Acetone	mg/kg	0.05	500	ND	ND	ND	0.4	0.11	0.13
Benzene	mg/kg	0.06	44	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	ND	ND	ND	ND	ND	ND
N-Butylbenzene	mg/kg	12	500	ND	ND	0.073	ND	ND	ND
Sec-Butylbenzene	mg/kg	11	500	ND	ND	0.1	0.0036	ND	ND
tert-Butylbenzene	mg/kg	5.9	500	ND	ND	ND	ND	ND	ND
Carbon Disulfide	mg/kg	NS	NS	ND	ND	ND	ND	0.0094	ND
Chlorobenzene	mg/kg	1.1	500	ND	ND	ND	ND	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	ND	ND	ND	ND	ND
Ethylbenzene	mg/kg	1	390	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl Acetate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	ND	ND
Methylcyclohexane	mg/kg	NS	NS	0.0025	ND	ND	ND	0.0028	0.0034
Methylene Chloride	mg/kg	0.05	500	ND	0.051	ND	ND	ND	ND
Naphthalene	mg/kg	NS	NS	ND	ND	0.35	0.0095	ND	0.0089 JH
N-Propylbenzene	mg/kg	3.9	500	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	ND	ND	ND	ND	ND
Toluene	mg/kg	0.7	500	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	mg/kg	3.6	190	ND	ND	0.078	ND	ND	0.0028 JH
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	ND	ND	ND	ND	ND	ND
m,p-Xylene	mg/kg	0.26	500	ND	ND	0.14	ND	ND	ND
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	ND	ND	ND	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
D - Diluted
E - Estimated
JH - Estimated High
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-1

**Volatile Organic Compounds (VOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth					
		Unrestricted SCO	Commercial SCO	LB-40	LW-01	LW-01	LW-02	LW-02	LW-03
				LB-40-5.5-6.5	LW-01-VOC1-2-4	LW-01-VOC2-6-8	LW-02-VOC1-0-2	LW-02-VOC2-8-9.8	LW-03-COMP1-4-8
				8/15/2017	2/16/2017	2/16/2017	2/16/2017	2/16/2017	2/20/2017
		5.5-6.5	2 to 4	6 to 8	0 to 2	8 to 9.8	4 to 8 (MS/MSD)		
Volatile Organic Analytes									
Acetone	mg/kg	0.05	500	0.3	ND	ND	ND	ND	2.8 E
Benzene	mg/kg	0.06	44	0.004 J	0.0037	ND	ND	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	0.0637	ND	ND	ND	ND	ND
N-Butylbenzene	mg/kg	12	500	ND	0.0069	ND	0.0024	ND	ND
Sec-Butylbenzene	mg/kg	11	500	ND	0.01	ND	ND	0.0035	ND
tert-Butylbenzene	mg/kg	5.9	500	ND	ND	ND	ND	ND	ND
Carbon Disulfide	mg/kg	NS	NS	0.0056 J	0.018	ND	ND	ND	ND
Chlorobenzene	mg/kg	1.1	500	0.0156	ND	ND	ND	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	ND	ND	ND	ND	ND
Ethylbenzene	mg/kg	1	390	39.7 D	0.051	ND	0.014	0.0078	ND
Isopropylbenzene (Cumene)	mg/kg	NS	NS	6.9 D	0.005	ND	ND	0.0037	ND
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	ND	0.0068	ND	0.0024	ND	ND
Methyl Acetate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	ND	ND
Methylcyclohexane	mg/kg	NS	NS	0.0269	0.76	ND	0.0035	0.0027	ND
Methylene Chloride	mg/kg	0.05	500	ND	ND	ND	ND	ND	ND
Naphthalene	mg/kg	NS	NS	ND	0.014	ND	0.0069	0.0067	ND
N-Propylbenzene	mg/kg	3.9	500	ND	0.0056	ND	0.0022	ND	ND
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	ND	ND	ND	ND	ND
Toluene	mg/kg	0.7	500	0.0971	0.028	ND	0.011	0.0064	ND
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	0.0048	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND	ND	ND	ND	0.002
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	mg/kg	3.6	190	ND	0.054	ND	0.035	0.011	ND
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	ND	0.014	ND	0.011	0.0027	ND
m,p-Xylene	mg/kg	0.26	500	749.4 D	0.11	ND	0.033	0.075	ND
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	53 D	0.016	ND	0.004	0.0032	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
D - Diluted
E - Estimated
JH - Estimated High
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-1

**Volatile Organic Compounds (VOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth					
		Unrestricted SCO	Commercial SCO	LW-04	LW-06	Trip Blank #1	Trip Blank #2	Trip Blank #3	Rinse Blank #1
				LW-04-COMP1-0-4.10	LW-06-2-4	Trip Blank	Trip Blank	Trip Blank	LRB-01-2-16-17
				2/15/2017	2/21/2017	2/9/2017	2/13/2017	2/21/2017	2/16/2017
0 to 4.10	2 to 4	NA	NA	NA	NA				
Volatile Organic Analytes									
Acetone	mg/kg	0.05	500	ND	53 E	ND	ND	ND	ND
Benzene	mg/kg	0.06	44	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	ND	ND	ND	ND	ND	ND
N-Butylbenzene	mg/kg	12	500	ND	ND	ND	ND	ND	ND
Sec-Butylbenzene	mg/kg	11	500	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	mg/kg	5.9	500	ND	ND	ND	ND	ND	ND
Carbon Disulfide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Chlorobenzene	mg/kg	1.1	500	ND	ND	ND	ND	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	ND	ND	ND	ND	ND
Ethylbenzene	mg/kg	1	390	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl Acetate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	ND	ND
Methylcyclohexane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methylene Chloride	mg/kg	0.05	500	0.042	ND	ND	ND	ND	ND
Naphthalene	mg/kg	NS	NS	0.0081	ND	ND	ND	ND	ND
N-Propylbenzene	mg/kg	3.9	500	ND	ND	ND	ND	ND	ND
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	0.0029	ND	ND	ND	ND
Toluene	mg/kg	0.7	500	ND	0.0036	ND	ND	ND	ND
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	mg/kg	3.6	190	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	ND	ND	ND	ND	ND	ND
m,p-Xylene	mg/kg	0.26	500	ND	ND	ND	ND	ND	ND
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	ND	ND	ND	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
D - Diluted
E - Estimated
JH - Estimated High
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-1

**Volatile Organic Compounds (VOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth	
		Unrestricted SCO	Commercial SCO	Rinse Blank #2	Rinse Blank #3
				LRB-02-2-20-17	LRB-03-2-21-17
				2/20/2017	2/21/2017
				NA	NA
Volatile Organic Analytes					
Acetone	mg/kg	0.05	500	ND	ND
Benzene	mg/kg	0.06	44	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	ND	ND
N-Butylbenzene	mg/kg	12	500	ND	ND
Sec-Butylbenzene	mg/kg	11	500	ND	ND
tert-Butylbenzene	mg/kg	5.9	500	ND	ND
Carbon Disulfide	mg/kg	NS	NS	ND	ND
Chlorobenzene	mg/kg	1.1	500	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	ND
Ethylbenzene	mg/kg	1	390	ND	ND
Isopropylbenzene (Cumene)	mg/kg	NS	NS	ND	ND
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	ND	ND
Methyl Acetate	mg/kg	NS	NS	ND	ND
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND
Methylcyclohexane	mg/kg	NS	NS	ND	ND
Methylene Chloride	mg/kg	0.05	500	ND	ND
Naphthalene	mg/kg	NS	NS	ND	ND
N-Propylbenzene	mg/kg	3.9	500	ND	ND
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	ND
Toluene	mg/kg	0.7	500	ND	ND
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	ND
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND
1,2,4-Trimethylbenzene	mg/kg	3.6	190	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	ND	ND
m,p-Xylene	mg/kg	0.26	500	ND	ND
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	ND	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

D - Diluted

E - Estimated

JH - Estimated High

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-01	LB-01	LB-02	LB-02	LB-03	LB-03	LB-07
		Unrestricted SCO	Commercial SCO	LB-01-COMP1-0-4	LB-01-COMP2-4-9.8	LB-02-COMP1-0-4	LB-02-COMP2-4-9.2	LB-03-COMP1-0-4	LB-03-COMP2-4-9.9	LB-07-COMP1-0-4
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/10/2017	2/10/2017	2/9/2017
		0 to 4	4 to 9.8	0 to 4	4 to 9.2	0 to 4	4 to 9.9	0 to 4		
<i>Semi Volatile Organic Analytes</i>										
Acenaphthene	mg/kg	20	500	0.2	ND	ND	2.4	0.27	ND	ND
Acenaphthylene	mg/kg	100	500	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/kg	100	500	ND	ND	ND	3.7	0.41	ND	0.32
Benzo(A)Anthracene	mg/kg	1	5.6	0.63	ND	0.51 D	6.8 D	0.95	ND	1.2
Benzo(A)Pyrene	mg/kg	1	1	0.54	ND	0.46 D	4.7	0.78	ND	1.2
Benzo(B)Fluoranthene	mg/kg	1	5.6	0.79	ND	0.67 D	6.1 D	1	ND	1.5
Benzo(G,H,I)Perylene	mg/kg	100	500	0.49	ND	ND	2.9	0.6	ND	1.1
Benzo(K)Fluoranthene	mg/kg	0.8	56	0.29	ND	ND	2.1	0.38	ND	0.58
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	ND	ND	ND	1.8	0.27	ND	0.21
Chrysene	mg/kg	1	56	0.98	ND	0.54 D	5.9	ND	ND	1.3
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	ND	ND	0.89	ND	ND	ND
Dibenzofuran	mg/kg	14	350	0.41	ND	ND	1.7	1	ND	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	1.5	0.31	1.3 D	16 D	2.1	ND	2.7
Fluorene	mg/kg	30	500	0.3	ND	ND	2.9	0.29	ND	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	0.45	ND	ND	3.2	0.58	ND	0.95
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	0.84	ND	ND	0.82	0.23	ND	ND
2-Methylnaphthalene	mg/kg	NS	NS	1.4	ND	ND	1.2	0.37	ND	0.21
Naphthalene	mg/kg	12	500	0.52	ND	ND	1.8	0.5	ND	0.25
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	1.7	0.29	1.1 D	16 D	2.1	ND	2.1
Pyrene	mg/kg	100	500	2	0.42	1.1 D	12 D	2	ND	2.9

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
		Unrestricted SCO	Commercial SCO	LB-07	LB-08	LB-08	LB-09	LB-09	LB-11	LB-11
				LB-07-COMP2-4-9.7	LB-08-COMP1-0-4	LB-08-COMP2-4-10.2	LB-09-COMP1-0-4	LB-09-COMP2-4-10.7	LB-11-COMP1-0-4	LB-11-COMP2-4-9
				2/9/2017	2/10/2017	2/10/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017
4 to 9.7	0 to 4	4 to 10.2	0 to 4	4 to 10.7	0 to 4	4 to 9				
Semi Volatile Organic Analytes										
Acenaphthene	mg/kg	20	500	ND	ND	ND	1.9	0.68	ND	0.4
Acenaphthylene	mg/kg	100	500	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/kg	100	500	ND	0.4	ND	2.7	1.1	ND	0.65
Benzo(A)Anthracene	mg/kg	1	5.6	ND	1.2	ND	5.1 D	2.2	0.52	1.6
Benzo(A)Pyrene	mg/kg	1	1	ND	0.98	ND	4.6	1.5	0.41	1.2
Benzo(B)Fluoranthene	mg/kg	1	5.6	0.52 D	1.3	0.22	5.8 D	2	0.55	1.6
Benzo(G,H,I)Perylene	mg/kg	100	500	ND	0.68	ND	3.6	1.1	0.29	0.85
Benzo(K)Fluoranthene	mg/kg	0.8	56	ND	0.45	ND	2.1	0.66	ND	0.53
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	ND	ND	ND	1.5	0.27	ND	0.36
Chrysene	mg/kg	1	56	0.45 D	1.3	0.25	5.5 D	2.1	0.52	1.9
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	ND	ND	0.96	ND	ND	ND
Dibenzofuran	mg/kg	14	350	ND	ND	ND	1.3	ND	ND	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	1.1 D	2.5	0.43	13 D	4.6	1	2.4
Fluorene	mg/kg	30	500	ND	0.22	ND	2.7	0.88	ND	0.57
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	ND	0.76	ND	4.2	1.2	0.32	0.96
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	ND	0.24	ND	3.1	0.97	0.4	0.31
2-Methylnaphthalene	mg/kg	NS	NS	ND	0.27	ND	4.5	1.5	0.53	0.57
Naphthalene	mg/kg	12	500	ND	0.26	ND	1.1	0.47	0.38	0.56
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	0.87 D	2	0.44	14 D	5.2	0.96	3
Pyrene	mg/kg	100	500	0.86 D	2.4	0.4	10 D	5.2	1.1	3.6

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-12	LB-12	LB-13	LB-13	LB-13	LB-14	LB-14
		Unrestricted SCO	Commercial SCO	LB-12-COMP1-0-4	LB-12-COMP2-4-9	LB-13-COMP1-0-4	LB-13-COMP2-4-9.8	LB-13-COMP3-10-15	LB-14-COMP1-0-4	LB-14-COMP2-4-10.5
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017
		0 to 4	4 to 9 (MS/MSD)	0 to 4	4 to 9.8	4 to 9.8 (Duplicate)	0 to 4	4 to 10.5		
<i>Semi Volatile Organic Analytes</i>										
Acenaphthene	mg/kg	20	500	1.9 D	ND	33 D	ND	ND	0.25	ND
Acenaphthylene	mg/kg	100	500	ND	ND	33 D	ND	ND	ND	ND
Anthracene	mg/kg	100	500	3.1 D	ND	100 D	ND	ND	0.4	ND
Benzo(A)Anthracene	mg/kg	1	5.6	8 D	0.83 D	130 D	0.77 D	0.58	1.3	0.44
Benzo(A)Pyrene	mg/kg	1	1	5.8 D	0.71 D	110 D	0.67 D	0.48	1.5	0.42
Benzo(B)Fluoranthene	mg/kg	1	5.6	7.3 D	1 D	120 D	1.3 D	0.78	2.3	0.66
Benzo(G,H,I)Perylene	mg/kg	100	500	4 D	ND	44 D	ND	0.41	2.2	0.45
Benzo(K)Fluoranthene	mg/kg	0.8	56	3 D	ND	45 D	ND	ND	0.73	ND
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	ND	ND	33 D	ND	ND	ND	ND
Chrysene	mg/kg	1	56	7.8 D	0.94 D	120 D	0.83 D	0.65	1.6	0.49
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	ND	21 D	ND	ND	0.5	ND
Dibenzofuran	mg/kg	14	350	ND	ND	44 D	ND	ND	ND	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	19 D	2.1 D	320 D	2.1 D	1.3	2.6	1.2
Fluorene	mg/kg	30	500	2.6 D	ND	65 D	ND	0.35	0.23	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	4.6 D	ND	51 D	ND	0.44	2.1	0.38
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	ND	ND	14 D	ND	0.29	0.55	0.36
2-Methylnaphthalene	mg/kg	NS	NS	ND	0.46 D	21 D	ND	0.39	0.76	0.51
Naphthalene	mg/kg	12	500	ND	ND	27 D	0.43 D	0.48	0.52	0.43
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	16 D	2 D	370 D	1.4 D	1.6	1.5	0.9
Pyrene	mg/kg	100	500	20 D	1.6 D	290 D	1.7 D	1.3	3.8	1.3

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
		Unrestricted SCO	Commercial SCO	LB-15	LB-15	LB-16	LB-17	LB-18	LB-19	LB-19
				LB-15-COMP1-0-4	LB-15-COMP2-4-8.5	LB-16-COMP1-0-2	LB-17-COMP1-1-3	LB-18-COMP1-0-4	LB-19-COMP1-0-5.4	LB-19-COMP2-5.4-7
				2/9/2017	2/9/2017	2/13/2017	2/13/2017	2/10/2017	2/13/2017	2/13/2017
0 to 4	4 to 8.5	0 to 2	1 to 3	0 to 4	0 to 5.4	0 to 5.4 (Duplicate)				
<i>Semi Volatile Organic Analytes</i>										
Acenaphthene	mg/kg	20	500	ND	ND	ND	ND	0.24	0.33	0.23
Acenaphthylene	mg/kg	100	500	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/kg	100	500	ND	ND	ND	ND	0.31	0.64	0.48
Benzo(A)Anthracene	mg/kg	1	5.6	0.32	0.44	ND	0.35	0.45	2.3	1.9
Benzo(A)Pyrene	mg/kg	1	1	0.33	0.51	ND	0.24	0.3	1.6	1.4
Benzo(B)Fluoranthene	mg/kg	1	5.6	0.57	0.62	ND	0.33	0.42	1.9	1.9
Benzo(G,H,I)Perylene	mg/kg	100	500	0.34	0.42	ND	ND	ND	0.94	0.64
Benzo(K)Fluoranthene	mg/kg	0.8	56	0.19	0.25	ND	ND	ND	0.76	0.67
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	ND	ND	ND	ND	ND	0.22	0.25
Chrysene	mg/kg	1	56	0.43	0.48	ND	0.4	0.4	2.5	2
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	ND	ND	ND	ND	0.26	0.22
Dibenzofuran	mg/kg	14	350	ND	ND	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	0.6	0.89	ND	0.59	1.1	4.2	3.9
Fluorene	mg/kg	30	500	ND	ND	ND	ND	ND	0.29	0.23
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	0.35	0.39	ND	ND	0.2	0.94	0.71
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Naphthalene	mg/kg	12	500	ND	ND	ND	ND	0.3	ND	ND
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	0.44	0.58	ND	0.67	1.4	3.8	2.7
Pyrene	mg/kg	100	500	0.52	0.83	ND	0.68	0.88	4.9	3.4

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
		Unrestricted SCO	Commercial SCO	LB-20	LB-24	LB-25	LB-26	LB-26	LB-27	LB-27
				LB-20-COMP1-0-4	LB-24-COMP1-1-3	LB-25-COMP1-0-2.4	LB-26-COMP1-0-4	LB-26-COMP2-4-7.8	LB-27-COMP1-0-4	LB-27-COMP2-4-10.3
				2/13/2017	2/13/2017	2/15/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017
0 to 4	1 to 3	0 to 2.4	0 to 4	4 to 7.8	0 to 4	4 to 10.3				
<i>Semi Volatile Organic Analytes</i>										
Acenaphthene	mg/kg	20	500	ND	ND	ND	ND	ND	0.55	0.59 D
Acenaphthylene	mg/kg	100	500	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/kg	100	500	ND	ND	ND	0.22	ND	0.73	0.95 D
Benzo(A)Anthracene	mg/kg	1	5.6	0.3	0.29	0.24	0.7	0.23	2.2	1.6 D
Benzo(A)Pyrene	mg/kg	1	1	0.22	0.22	ND	0.69	ND	1.8	1.1 D
Benzo(B)Fluoranthene	mg/kg	1	5.6	0.28	0.3	0.33	0.96	0.28	2.4	1.4 D
Benzo(G,H,I)Perylene	mg/kg	100	500	ND	ND	ND	0.75	ND	1.8	ND
Benzo(K)Fluoranthene	mg/kg	0.8	56	ND	ND	ND	0.33	ND	0.82	0.53 D
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	ND	ND	ND	ND	ND	0.44	ND
Chrysene	mg/kg	1	56	0.3	0.36	0.28	0.76	0.24	2.1	1.4 D
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	ND	ND	ND	ND	0.43	ND
Dibenzofuran	mg/kg	14	350	ND	ND	ND	ND	ND	1.2	1.3 D
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	0.57	0.49	0.64	1.5	0.48	4.8 D	3 D
Fluorene	mg/kg	30	500	ND	ND	ND	ND	ND	0.7	0.86 D
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	ND	ND	ND	0.67	ND	1.8	0.49 D
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	ND	0.81	ND	0.4	ND	1.9	2.1 D
2-Methylnaphthalene	mg/kg	NS	NS	ND	1	ND	0.51	ND	2.6	3 D
Naphthalene	mg/kg	12	500	ND	0.6	ND	0.41	ND	1.9	2.2 D
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	0.65	0.86	0.69	1.2	0.41	4.7 D	4.4 D
Pyrene	mg/kg	100	500	0.63	0.63	0.57	1.5	0.47	4.3 D	2.5 D

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-28	LB-28	LB-29	LB-29	LW-01	LW-01	LW-02
		Unrestricted SCO	Commercial SCO	LB-28-COMP1-0-4	LB-28-COMP2-4-11	LB-29-COMP1-0-4	LB-29-COMP2-4-9.3	LW-01-COMP1-0-4	LW-01-COMP2-4-10.2	LW-02-COMP1-0-4
				2/9/2017	2/9/2017	2/10/2017	2/10/2017	2/16/2017	2/16/2017	2/16/2017
		0 to 4	4 to 11	0 to 4	4 to 9.3	0 to 4	4 to 10.2 (MS/MSD)	0 to 4		
Semi Volatile Organic Analytes										
Acenaphthene	mg/kg	20	500	5	0.28	0.57 D	ND	ND	0.41	ND
Acenaphthylene	mg/kg	100	500	0.35	ND	ND	ND	ND	ND	ND
Anthracene	mg/kg	100	500	8.7 D	ND	0.86 D	ND	0.54 D	0.72	ND
Benzo(A)Anthracene	mg/kg	1	5.6	30 D	ND	2.5 D	ND	1.6 D	1.7	0.61
Benzo(A)Pyrene	mg/kg	1	1	26 D	ND	2.1 D	ND	1.4 D	1.6 JL	0.81
Benzo(B)Fluoranthene	mg/kg	1	5.6	33 D	ND	2.6 D	ND	2 D	1.7 JL	1
Benzo(G,H,I)Perylene	mg/kg	100	500	12 D	ND	1.2 D	ND	1.3 D	1.7 JL	0.92
Benzo(K)Fluoranthene	mg/kg	0.8	56	13 D	ND	1.1 D	ND	0.75 D	0.59 JL	0.37
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	0.66
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	5.3 D	ND	0.57 D	ND	0.38 D	ND	ND
Chrysene	mg/kg	1	56	29 D	ND	2.5 D	ND	1.9 D	2.3	0.58
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	3.9 D	ND	ND	ND	ND	ND	ND
Dibenzofuran	mg/kg	14	350	2.1	ND	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND	1.5 D	ND	ND
Fluoranthene	mg/kg	100	500	55 D	0.37	4.8 D	ND	5.4 D	3.1	1.1
Fluorene	mg/kg	30	500	3.6	ND	0.52 D	ND	0.46 D	0.53	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	15 D	ND	1.4 D	ND	1.4 D	1.3 JL	0.89
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	0.63	ND	ND	ND	ND	0.59	ND
2-Methylnaphthalene	mg/kg	NS	NS	0.75	ND	ND	ND	ND	0.59	ND
Naphthalene	mg/kg	12	500	1.7	ND	0.52 D	ND	ND	0.52	ND
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	38 D	0.27	4.4 D	ND	3.5 D	3.3	0.61
Pyrene	mg/kg	100	500	51 D	0.34	4.8 D	ND	4.3 D	2.8	1.7

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LW-02	LW-03	LW-04	LW-06	Rinse Blank #1	Rinse Blank #2	Rinse Blank #3
		Unrestricted SCO	Commercial SCO	LW-02-COMP2-4-9.8	LW-03-COMP1-4-8	LW-04-COMP1-0-4.10	LW-06-COMP1-0-4	LRB-01-2-16-17	LRB-02-2-20-17	LRB-03-2-21-17
				2/16/2017	2/20/2017	2/15/2017	2/21/2017	2/16/2017	2/20/2017	2/21/2017
		4 to 9.8	4 to 8 (MS/MSD)	0 to 4.10	0 to 4	NA	NA	NA		
Semi Volatile Organic Analytes										
Acenaphthene	mg/kg	20	500	ND	ND	4.1 D	0.21	ND	ND	ND
Acenaphthylene	mg/kg	100	500	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/kg	100	500	ND	ND	4.8 D	0.32	ND	ND	ND
Benzo(A)Anthracene	mg/kg	1	5.6	0.36	0.44	13 D	0.59	ND	ND	ND
Benzo(A)Pyrene	mg/kg	1	1	0.31	0.4	12 D	0.32	ND	ND	ND
Benzo(B)Fluoranthene	mg/kg	1	5.6	0.43	0.51	17 D	0.53	ND	ND	ND
Benzo(G,H,I)Perylene	mg/kg	100	500	0.35	0.25	8 D	0.19	ND	ND	ND
Benzo(K)Fluoranthene	mg/kg	0.8	56	ND	ND	6.4 D	0.21	ND	ND	ND
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	0.8	ND	0.35	ND	ND	ND
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	ND	ND	5.6 D	0.26	ND	ND	ND
Chrysene	mg/kg	1	56	0.36	0.44	15 D	0.59	ND	ND	ND
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	ND	1.8 D	ND	ND	ND	ND
Dibenzofuran	mg/kg	14	350	ND	ND	3.1 D	ND	ND	ND	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	0.97	0.66	46 D	1.8	ND	ND	ND
Fluorene	mg/kg	30	500	ND	ND	4.8 D	0.22	ND	ND	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	0.3	ND	8.4 D	0.18	ND	ND	ND
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	ND	0.68	ND	ND	ND	ND	ND
2-Methylnaphthalene	mg/kg	NS	NS	0.26	0.89	ND	ND	ND	ND	ND
Naphthalene	mg/kg	12	500	0.33	0.45	ND	ND	ND	ND	ND
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	0.61	0.75	45 D	2.5	ND	ND	ND
Pyrene	mg/kg	100	500	0.99	1.3	36 D	1.5	ND	ND	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-30	LB-30	LB-32	LB-32	LB-33	LB-33	LB-34
		Unrestricted SCO	Commercial SCO	LB-30-COMP 1	LB-30-COMP 2	LB-32-COMP 1	LB-32-COMP 2	LB-33-COMP 1	LB-33-COMP 2	LB-34-COMP 1
				6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
		0 to 4	4 to 10.2	0 to 4	4 to 5.8	0 to 4	4 to 6.7	0 to 4		
<i>Semi Volatile Organic Analytes</i>										
Acenaphthene	mg/kg	20	500	0.68	55	ND	ND	ND	ND	ND
Acenaphthylene	mg/kg	100	500	0.0545 J	ND	ND	ND	ND	ND	ND
Anthracene	mg/kg	100	500	1.69	ND	ND	ND	ND	ND	ND
Benzo(A)Anthracene	mg/kg	1	5.6	3.52	65.9	ND	ND	ND	ND	ND
Benzo(A)Pyrene	mg/kg	1	1	4.11	66	ND	ND	ND	ND	0.0567 J
Benzo(B)Fluoranthene	mg/kg	1	5.6	3.75	56.2	ND	ND	ND	ND	0.0672 J
Benzo(G,H,I)Perylene	mg/kg	100	500	1.17	27.7	ND	ND	ND	ND	ND
Benzo(K)Fluoranthene	mg/kg	0.8	56	2.41	62.2	ND	ND	ND	ND	0.0648 J
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	0.204	ND	ND	ND	ND	ND	ND
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	0.0639 J	ND	ND	ND
Carbazole	mg/kg	NS	NS	1.54	67.4	ND	ND	ND	ND	ND
Chrysene	mg/kg	1	56	3.9	71.2	0.0676 J	ND	ND	ND	0.0615 J
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	0.746	13.3	ND	ND	ND	ND	ND
Dibenzofuran	mg/kg	14	350	0.322	23.9	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	0.126	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	0.656	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	8.91	24.2	0.0783 J	ND	ND	ND	0.0899 J
Fluorene	mg/kg	30	500	0.785	50.5	ND	ND	ND	ND	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	0.102	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	1.24	27.9	ND	ND	ND	ND	ND
Isophorone	mg/kg	NS	NS	ND	ND	ND	0.877	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	mg/kg	NS	NS	0.0751 J	5.19	ND	ND	ND	ND	ND
Naphthalene	mg/kg	12	500	0.114	6.58	ND	ND	ND	ND	ND
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	0.110 J	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	0.427	ND	ND	ND
Phenanthrene	mg/kg	100	500	6.71	283	ND	ND	ND	ND	0.051 J
Pyrene	mg/kg	100	500	6.26	170	0.0635 J	ND	ND	ND	0.0882 J

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-2

Semi-Volatile Organic Compounds (SVOCs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth			
		Unrestricted SCO	Commercial SCO	LB-34	LB-38	LB-38	RB-01
				LB-34-COMP 2	LB-38-COMP 1	LB-38-COMP 2	060717-RB-01
				6/7/2017	6/7/2017	6/7/2017	6/7/2017
		4 to 6.2	0 to 4	4 to 8.7	NA		
<i>Semi Volatile Organic Analytes</i>							
Acenaphthene	mg/kg	20	500	ND	0.212	0.272	ND
Acenaphthylene	mg/kg	100	500	ND	0.102	0.0558 J	ND
Anthracene	mg/kg	100	500	ND	0.603	0.572	ND
Benzo(A)Anthracene	mg/kg	1	5.6	ND	2.14	1.42	ND
Benzo(A)Pyrene	mg/kg	1	1	ND	2.73	1.71	ND
Benzo(B)Fluoranthene	mg/kg	1	5.6	ND	3.6	1.77	ND
Benzo(G,H,I)Perylene	mg/kg	100	500	ND	1.26	0.655	ND
Benzo(K)Fluoranthene	mg/kg	0.8	56	ND	2.45	1.75	ND
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	ND	0.148	ND
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	ND	0.675	0.504	ND
Chrysene	mg/kg	1	56	ND	2.48	1.57	ND
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	0.709	0.281	ND
Dibenzofuran	mg/kg	14	350	ND	0.105	0.142	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	0.0686 J	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	ND	4.72	3.34	ND
Fluorene	mg/kg	30	500	ND	0.237	0.312	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	ND	1.28	0.65	ND
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	ND	ND	ND	ND
2-Methylnaphthalene	mg/kg	NS	NS	ND	ND	0.107	ND
Naphthalene	mg/kg	12	500	ND	0.0789 J	0.174	ND
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	ND	2.39	2.29	ND
Pyrene	mg/kg	100	500	ND	4.72	2.36	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JL - Estimated Low

D - Diluted

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-01	LB-01	LB-02	LB-02	LB-03	LB-03	LB-07
		Unrestricted SCO	Commercial SCO	LB-01-COMP1-0-4	LB-01-COMP2-4-9.8	LB-02-COMP1-0-4	LB-02-COMP2-4-9.2	LB-03-COMP1-0-4	LB-03-COMP2-4-9.9	LB-07-COMP1-0-4
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/10/2017	2/10/2017	2/9/2017
		0 to 4	4 to 9.8	0 to 4	4 to 9.2	0 to 4	4 to 9.9	0 to 4		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	41 D	2.6 D	24 D	9.6 D	4.3 D	ND	39 D
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Total PCBs	mg/kg	0.1	1	41	2.6	24	9.6	4.3	ND	39

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth							
		Unrestricted SCO	Commercial SCO	LB-07	LB-08	LB-08	LB-09	LB-09	LB-11	LB-11	
				LB-07-COMP2-4-9.7	LB-08-COMP1-0-4	LB-08-COMP2-4-10.2	LB-09-COMP1-0-4	LB-09-COMP2-4-10.7	LB-11-COMP1-0-4	LB-11-COMP2-4-9	
				2/9/2017	2/10/2017	2/10/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	
4 to 9.7	0 to 4	4 to 10.2	0 to 4	4 to 10.7	0 to 4	4 to 9					
<i>PCB Analytes</i>											
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	210 D	11 D	0.28 D	8.3 D	0.26 D	4 D	10 D	10 D
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	1.4 D	ND	1.1 D	2 D	2 D
Total PCBs	mg/kg	0.1	1	210	11	0.28	9.7	0.26	5.1	12	12

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-12	LB-12	LB-13	LB-13	LB-13	LB-14	LB-14
		Unrestricted SCO	Commercial SCO	LB-12-COMP1-0-4	LB-12-COMP2-4-9	LB-13-COMP1-0-4	LB-13-COMP2-4-9.8	LB-13-COMP3-10-15	LB-14-COMP1-0-4	LB-14-COMP2-4-10.5
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017
		0 to 4	4 to 9 (MS/MSD)	0 to 4	4 to 9.8	4 to 9.8 (Duplicate)	0 to 4	4 to 10.5		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	18 D	1 D, J	25 D	3.9 D	2.9 D	12 D	3.8 D
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	ND	ND	1.5 D	ND
Total PCBs	mg/kg	0.1	1	18	1	25	3.9	2.9	13.5	3.8

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-15	LB-15	LB-16	LB-17	LB-18	LB-19	LB-19
		Unrestricted SCO	Commercial SCO	LB-15-COMP1-0-4	LB-15-COMP2-4-8.5	LB-16-COMP1-0-2	LB-17-COMP1-1-3	LB-18-COMP1-0-4	LB-19-COMP1-0-5.4	LB-19-COMP2-5.4-7
				2/9/2017	2/9/2017	2/13/2017	2/13/2017	2/10/2017	2/13/2017	2/13/2017
		0 to 4	4 to 8.5	0 to 2	1 to 3	0 to 4	0 to 5.4	0 to 5.4 (Duplicate)		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	1.2 D	0.25 D	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	ND	1.2 D	1 D	0.41 D	ND	ND	ND
Aroclor-1260	mg/kg	NS	NS	ND	ND	0.24 D	ND	ND	ND	ND
Total PCBs	mg/kg	0.1	1	1.2	1.45	1.24	0.41	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-20	LB-24	LB-25	LB-26	LB-26	LB-27	LB-27
		Unrestricted SCO	Commercial SCO	LB-20-COMP1-0-4	LB-24-COMP1-1-3	LB-25-COMP1-0-2.4	LB-26-COMP1-0-4	LB-26-COMP2-4-7.8	LB-27-COMP1-0-4	LB-27-COMP2-4-10.3
				2/13/2017	2/13/2017	2/15/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017
		0 to 4	1 to 3	0 to 2.4	0 to 4	4 to 7.8	0 to 4	4 to 10.3		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	0.67 D	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	ND	0.54 D	0.038	3.2 D	6 D	7.7 D	7.5 D
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	0.52 D	ND	ND	ND
Total PCBs	mg/kg	0.1	1	ND	0.54	0.038	4.39	6	7.7	7.5

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-28	LB-28	LB-29	LB-29	LW-01	LW-01	LW-02
		Unrestricted SCO	Commercial SCO	LB-28-COMP1-0-4	LB-28-COMP2-4-11	LB-29-COMP1-0-4	LB-29-COMP2-4-9.3	LW-01-COMP1-0-4	LW-01-COMP2-4-10.2	LW-02-COMP1-0-4
				2/9/2017	2/9/2017	2/10/2017	2/10/2017	2/16/2017	2/16/2017	2/16/2017
		0 to 4	4 to 11	0 to 4	4 to 9.3	0 to 4	4 to 10.2 (MS/MSD)	0 to 4		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	7.5 D	1.3 D	1.3 D	0.027	13 D	1.1 D, J	4.4 D
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	ND	2.8 D	ND	ND
Total PCBs	mg/kg	0.1	1	7.5	1.3	1.3	0.027	15.8	1.1	4.4

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LW-02	LW-03	LW-04	LW-06	Rinse Blank #1	Rinse Blank #2	Rinse Blank #3
		Unrestricted SCO	Commercial SCO	LW-02-COMP2-4-9.8	LW-03-COMP1-4-8	LW-04-COMP1-0-4.10	LW-06-COMP1-0-4	LRB-01-2-16-17	LRB-02-2-20-17	LRB-03-2-21-17
				2/16/2017	2/20/2017	2/15/2017	2/21/2017	2/16/2017	2/20/2017	2/21/2017
		4 to 9.8	4 to 8 (MS/MSD)	0 to 4.10	0 to 4	NA	NA	NA		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	0.13 D	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	7.7 D	0.5 D	0.051	ND	ND	ND	ND
Aroclor-1260	mg/kg	NS	NS	ND	0.12 D	ND	ND	ND	ND	ND
Total PCBs	mg/kg	0.1	1	7.7	0.75	0.051	ND	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-30	LB-30	LB-31	LB-31	LB-32	LB-33	LB-33
		Unrestricted SCO	Commercial SCO	LB-30-COMP 1	LB-30-COMP 2	LB-31-COMP 1	LB-31-COMP 2	LB-32-COMP 1	LB-33-COMP 1	LB-33-COMP 2
				6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
		0 to 4 (MS/MSD)	4 to 10.2	0 to 4	4 to 11.0	0 to 4	0 to 4	4 to 6.7		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	2.35	0.365	0.1	0.0508	ND	ND	ND
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Total PCBs	mg/kg	0.1	1	2.35	0.365	0.1	0.0508	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-34	LB-34	LB-35	LB-35	LB-35	LB-36	LB-36
		Unrestricted SCO	Commercial SCO	LB-34-COMP 1	LB-34-COMP 2	LB-35-COMP 1	LB-35-COMP 2	LB-35-COMP 3	LB-36-COMP 1	LB-36-COMP 2
				6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
		0 to 4	4 to 6.2	0 to 4	0 to 4 (Duplicate)	4 to 9.0	0 to 4	4 to 11.8		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	ND	ND	0.783	0.702	ND	ND	ND
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Total PCBs	mg/kg	0.1	1	ND	ND	0.783	0.702	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-37	LB-37	LB-38	LB-38	LB-39	LB-39	LB-40
		Unrestricted SCO	Commercial SCO	LB-37-COMP 1	LB-37-COMP 2	LB-29-COMP 1	LB-29-COMP 2	LB-39-0-4	LB-39-4-10.5	LB-40-0-4
				6/7/2017	6/7/2017	6/7/2017	6/7/2017	8/15/2017	8/15/2017	8/15/2017
		0 to 4	4 to 11.3	0 to 4	4 to 8.7	0 to 4	4 to 10.5	0 to 4		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	0.083	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	ND	0.185	0.6	0.147	0.84 D, P	3.3 P	0.15
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	0.17 P
Total PCBs	mg/kg	0.1	1	0.083	0.185	0.6	0.147	0.84	3.3	0.32

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-40	LB-41	LB-41	LB-41	LB-42	LB-42	LB-43
		Unrestricted SCO	Commercial SCO	LB-40-4-10	LB-41-0-4	LB-41-4-11.3	LB-41-11.3-15	LB-42-0-4	LB-42-4-10	LB-43-0-4
				8/15/2017	8/15/2017	8/15/2017	8/15/2017	8/15/2017	8/15/2017	8/15/2017
		4 to 10	0 to 4	4 to 11.3	4 to 11.3 (Duplicate)	0 to 4	4 to 10	0 to 4		
<i>PCB Analytes</i>										
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	34 D	5.2 D	33 D	33 D	2 D	17 D	1.2 D
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Total PCBs	mg/kg	0.1	1	34	5.2	33	33	2	17	1.2

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
P - > 25% Difference For Detected Concentrations Between The Two GC Columns
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-3

**Polychlorinated Biphenyls (PCBs) Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth				
		Unrestricted SCO	Commercial SCO	LB-43	LB-44	LB-44	LB-45	LB-45
				LB-43-4-10	LB-44-0-4	LB-44-4-10	LB-45-0-4	LB-45-4-10
				8/15/2017	8/15/2017	8/15/2017	8/15/2017	8/15/2017
4 to 10	0 to 4	4 to 10	0 to 4	4 to 10				
<i>PCB Analytes</i>								
Aroclor-1242	mg/kg	NS	NS	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	NS	NS	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	NS	NS	11 D	22	6.1	23	38
Aroclor-1260	mg/kg	NS	NS	ND	ND	ND	ND	ND
Total PCBs	mg/kg	0.1	1	11	22	6.1	23	38

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

P - > 25% Difference For Detected Concentrations Between The Two GC Columns

D - Diluted

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-4

Pesticides Detected in Soil
 Western New York Workforce Training Center (No. C915310)
 Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-02	LB-08	LB-11	LB-15	LB-15	LB-16	LB-17
		Unrestricted SCO	Commercial SCO	LB-02-COMP2-4-9.2	LB-08-COMP2-4-10.2	LB-11-COMP1-0-4	LB-15-COMP1-0-4	LB-15-COMP2-4-8.5	LB-16-COMP1-0-2	LB-17-COMP1-1-3
				2/9/2017	2/10/2017	2/9/2017	2/9/2017	2/9/2017	2/13/2017	2/13/2017
		4 to 9.2	4 to 10.2	0 to 4	0 to 4	4 to 8.5	0 to 2	1 to 3		
<i>Pesticides Analytes</i>										
Chlordane	mg/kg	0.094	24	ND	ND	ND	ND	ND	ND	0.05
4,4'-DDE	mg/kg	0.0033	62	ND	ND	ND	ND	ND	0.013	0.0072 J
4,4'-DDT	mg/kg	0.0033	47	ND	ND	ND	ND	ND	ND	ND
Dieldrin	mg/kg	0.005	1.4	ND	ND	ND	ND	ND	0.019 J	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-4

Pesticides Detected in Soil
 Western New York Workforce Training Center (No. C915310)
 Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-18	LB-19	LB-19	LB-20	LB-24	LB-25	LB-28
		Unrestricted SCO	Commercial SCO	LB-18-COMP1-0-4	LB-19-COMP1-0-5.4	LB-19-COMP2-5.4-7	LB-20-COMP1-0-4	LB-24-COMP1-1-3	LB-25-COMP1-0-2.4	LB-28-COMP2-4-11
				2/10/2017	2/13/2017	2/13/2017	2/13/2017	2/13/2017	2/15/2017	2/9/2017
		0 to 4	0 to 5.4	0 to 5.4 (Duplicate)	0 to 4	1 to 3	0 to 2.4	4 to 11		
<i>Pesticides Analytes</i>										
Chlordane	mg/kg	0.094	24	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	mg/kg	0.0033	62	ND	ND	ND	ND	0.01 J	ND	ND
4,4'-DDT	mg/kg	0.0033	47	ND	ND	0.0044	ND	0.0095 J	ND	ND
Dieldrin	mg/kg	0.005	1.4	ND	ND	ND	ND	0.0073 J	ND	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-4

Pesticides Detected in Soil
 Western New York Workforce Training Center (No. C915310)
 Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LW-03	LW-04	LW-06	Rinse Blank #1	Rinse Blank #2	Rinse Blank #3	LB-30
		Unrestricted SCO	Commercial SCO	LW-03-COMP1-4-8	LW-04-COMP1-0-4.10	LW-06-COMP1-0-4	LRB-01-2-16-17	LRB-02-2-20-17	LRB-03-2-21-17	LB-30-COMP 1
				2/20/2017	2/15/2017	2/21/2017	2/16/2017	2/20/2017	2/21/2017	6/7/2017
		4 to 8 (MS/MSD)	0 to 4.10	0 to 4	NA	NA	NA	0-4		
<i>Pesticides Analytes</i>										
Chlordane	mg/kg	0.094	24	0.056	ND	ND	ND	ND	ND	ND
4,4'-DDE	mg/kg	0.0033	62	0.019	ND	ND	ND	ND	ND	ND
4,4'-DDT	mg/kg	0.0033	47	0.095	ND	0.0018	ND	ND	ND	ND
Dieldrin	mg/kg	0.005	1.4	0.023	ND	ND	ND	ND	ND	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-4

**Pesticides Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-30	LB-32	LB-32	LB-33	LB-33	LB-34	LB-34
		Unrestricted SCO	Commercial SCO	LB-30-COMP 2	LB-32-COMP 1	LB-32-COMP 2	LB-33-COMP 1	LB-33-COMP 2	LB-34-COMP 1	LB-34-COMP 2
				6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
		4-10.2	0-4	4-5.8	0-4	4-6.7	0-4	4-6.2		
Pesticides Analytes										
Chlordane	mg/kg	0.094	24	ND	ND	ND	ND	ND	ND	
4,4'-DDE	mg/kg	0.0033	62	ND	ND	ND	ND	ND	ND	
4,4'-DDT	mg/kg	0.0033	47	ND	ND	ND	ND	ND	ND	
Dieldrin	mg/kg	0.005	1.4	ND	ND	ND	ND	ND	ND	

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-4

**Pesticides Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>6 NYCRR Part 375</i>		<i>Location ID, Sample ID, Sample Date, and Sample Depth</i>		
		<i>Unrestricted SCO</i>	<i>Commercial SCO</i>	<i>LB-38</i>	<i>LB-38</i>	<i>RB-01</i>
				<i>LB-38-COMP 1</i>	<i>LB-38-COMP 2</i>	<i>060717-RB-01</i>
				<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>
			<i>0-4</i>	<i>4-8.7</i>	<i>NA</i>	
<i>Pesticides Analytes</i>						
Chlordane	mg/kg	0.094	24	ND	ND	ND
4,4'-DDE	mg/kg	0.0033	62	ND	ND	ND
4,4'-DDT	mg/kg	0.0033	47	ND	ND	ND
Dieldrin	mg/kg	0.005	1.4	ND	ND	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-5

Resource Conservation and Recovery Act (RCRA) Metals Detected in Soil
 Western New York Workforce Training Center (No. C915310)
 Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-01	LB-01	LB-02	LB-03	LB-03	LB-07	LB-07
		Unrestricted SCO	Commercial SCO	LB-01-COMP1-0-4	LB-01-COMP2-4-9.8	LB-02-COMP1-0-4	LB-03-COMP1-0-4	LB-03-COMP2-4-9.9	LB-07-COMP1-0-4	LB-07-COMP2-4-9.7
				2/9/2017	2/9/2017	2/9/2017	2/10/2017	2/10/2017	2/9/2017	2/9/2017
		0 to 4	4 to 9.8	0 to 4	0 to 4	4 to 9.9	0 to 4	4 to 9.7		
Metals Analytes										
Arsenic	mg/kg	13	16	ND	ND	6.4 J	11 J	ND	4.9 J	7.8 J
Barium	mg/kg	350	400	390	80	270	620	130	200	1,500
Cadmium	mg/kg	2.5	9.3	2.4	0.76	1.8	3	1.3	1.7	3.2
Chromium, Total	mg/kg	30	1,500	260	36	170	100	32	89	330
Lead	mg/kg	63	1,000	500 JH	42 JH	330 JH	3100 JH	290 JH	160 JH	320 JH
Mercury	mg/kg	0.18	2.8	0.2	0.084	0.1	0.23	0.039	0.14	0.21
Selenium	mg/kg	3.9	1,500	3.3 JH	1.7 JH	4.3 JH	ND	1.9 JH	ND	4.4 JH
Silver	mg/kg	2	1,500	2.4	0.69	1.6	1.3	1.5	ND	2.5

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

JH - Estimated High

D - Diluted

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-5

**Resource Conservation and Recovery Act (RCRA) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-08	LB-09	LB-09	LB-11	LB-12	LB-12	LB-13
		Unrestricted SCO	Commercial SCO	LB-08-COMP1-0-4	LB-09-COMP1-0-4	LB-09-COMP2-4-10.7	LB-11-COMP2-4-9	LB-12-COMP1-0-4	LB-12-COMP2-4-9	LB-13-COMP1-0-4
				2/10/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017
		0 to 4	0 to 4	4 to 10.7	4 to 9	0 to 4	4 to 9 (MS/MSD)	0 to 4		
<i>Metals Analytes</i>										
Arsenic	mg/kg	13	16	24 J	8.1 J	4.1 J	ND	5.4 J	3.3 J	5.8 J
Barium	mg/kg	350	400	270	89	2,200	1,500	240	270	430
Cadmium	mg/kg	2.5	9.3	1.6	1.7	2.4	3	3.9	3.2	1.7
Chromium, Total	mg/kg	30	1,500	170	310	80	220	250	170	210
Lead	mg/kg	63	1,000	180 JH	170 JH	380 JH	590 JH	140 JH	570 JH	290 JH
Mercury	mg/kg	0.18	2.8	0.23	0.065	0.81 D	0.47	0.22	0.24 J	0.14
Selenium	mg/kg	3.9	1,500	4.6 JH	ND	4.7 JH	3.3 JH	2.6 JH	4.3 JH	3.3 JH
Silver	mg/kg	2	1,500	ND	ND	0.99	1.3	9.3	ND	3.4

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
JH - Estimated High
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-5

Resource Conservation and Recovery Act (RCRA) Metals Detected in Soil
 Western New York Workforce Training Center (No. C915310)
 Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-13	LB-13	LB-14	LB-14	LB-21	LB-22	LB-23
		Unrestricted SCO	Commercial SCO	LB-13-COMP2-4-9.8	LB-13-COMP3-10-15	LB-14-COMP1-0-4	LB-14-COMP2-4-10.5	LB-21-COMP1-0-4	LB-22-COMP1-0-4	LB-23-COMP1-0-4
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/13/2017	2/13/2017	2/13/2017
		4 to 9.8	4 to 9.8 (Duplicate)	0 to 4	4 to 10.5	0 to 4	0 to 4	0 to 4		
Metals Analytes										
Arsenic	mg/kg	13	16	12 J	7.4 J	18 J	7 J	30 J	14 J	12 J
Barium	mg/kg	350	400	720	910	250	360	140 J	110	98
Cadmium	mg/kg	2.5	9.3	5.2	6	3.1 JH	2.6 JH	ND	0.29	ND
Chromium, Total	mg/kg	30	1,500	300	340	330	82	33	26	17
Lead	mg/kg	63	1,000	1200 JH	1800 JH	420 JH	660 JH	770 J	880	110
Mercury	mg/kg	0.18	2.8	0.21	0.21	0.11	0.11	0.066 JH	0.11 JH	0.058 JH
Selenium	mg/kg	3.9	1,500	4.7 JH	5.2	5.4 JH	5.4 JH	4 J	4.5 J	ND
Silver	mg/kg	2	1,500	2.4	2.1	1.3	ND	ND	2.8	ND

Notes:
 mg/kg - Milligrams Per Kilogram
 SCO - Soil Cleanup Objective
 ND - Not Detected
 NS - No Standard
 J - Estimated Concentration
 JH - Estimated High
 D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-5

**Resource Conservation and Recovery Act (RCRA) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-26	LB-26	LB-27	LB-27	LB-28	LB-29	LB-29
		Unrestricted SCO	Commercial SCO	LB-26-COMP1-0-4	LB-26-COMP2-4-7.8	LB-27-COMP1-0-4	LB-27-COMP2-4-10.3	LB-28-COMP1-0-4	LB-29-COMP1-0-4	LB-29-COMP2-4-9.3
				2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/9/2017	2/10/2017	2/10/2017
		0 to 4	4 to 7.8	0 to 4	4 to 10.3	0 to 4	0 to 4	4 to 9.3		
Metals Analytes										
Arsenic	mg/kg	13	16	ND	ND	3.4 J	4.2 J	7.8 J	5.9 J	3.3 J
Barium	mg/kg	350	400	140	150	1,800	660	400	140	110
Cadmium	mg/kg	2.5	9.3	1.5 JH	1.2 JH	6.6 JH	2.2 JH	5.4	1	0.78
Chromium, Total	mg/kg	30	1,500	190	110	650	260	680	27	17
Lead	mg/kg	63	1,000	190 JH	82 JH	680 JH	280 JH	280 JH	130 JH	86 JH
Mercury	mg/kg	0.18	2.8	0.15	0.075	0.17	0.2	0.23	0.1	0.08
Selenium	mg/kg	3.9	1,500	ND	3 JH	3.9 JH	4.3 JH	ND	ND	2.9 JH
Silver	mg/kg	2	1,500	ND	ND	1.9	0.65	12	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
J - Estimated Concentration
JH - Estimated High
D - Diluted
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-5

**Resource Conservation and Recovery Act (RCRA) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth				
		Unrestricted SCO	Commercial SCO	LW-01	LW-01	LW-02	LW-02	LW-05
				LW-01-COMP1-0-4	LW-01-COMP2-4-10.2	LW-02-COMP1-0-4	LW-02-COMP2-4-9.8	LW-05-COMP1-0-6
				2/16/2017	2/16/2017	2/16/2017	2/16/2017	2/20/2017
		0 to 4	4 to 10.2 (MS/MSD)	0 to 4	4 to 9.8	0 to 6		
<i>Metals Analytes</i>								
Arsenic	mg/kg	13	16	3.8	ND	4	4	4.4
Barium	mg/kg	350	400	74	230	140	190	130
Cadmium	mg/kg	2.5	9.3	1.3	1.4	1.5	1.4	1.7
Chromium, Total	mg/kg	30	1,500	660	150	140	140	39
Lead	mg/kg	63	1,000	72	140	130	170	700
Mercury	mg/kg	0.18	2.8	0.029	0.13	0.031	0.048	0.45
Selenium	mg/kg	3.9	1,500	7.7 JH	5.6 JH	ND	7.3 JH	5.5 J
Silver	mg/kg	2	1,500	ND	ND	ND	ND	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

J - Estimated Concentration

JH - Estimated High

D - Diluted

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-6

**Target Analyte List (TAL) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-02	LB-08	LB-11	LB-15	LB-15	LB-16	LB-17
		Unrestricted SCO	Commercial SCO	LB-02-COMP2-4-9.2	LB-08-COMP2-4-10.2	LB-11-COMP1-0-4	LB-15-COMP1-0-4	LB-15-COMP2-4-8.5	LB-16-COMP1-0-2	LB-17-COMP1-1-3
				2/9/2017	2/10/2017	2/9/2017	2/9/2017	2/9/2017	2/13/2017	2/13/2017
		4 to 9.2	4 to 10.2	0 to 4	0 to 4	4 to 8.5	0 to 2	1 to 3		
Metals Analytes										
Aluminum	mg/kg	NS	NS	11,000	6,900	11,000	6,500	13,000	13,000	12,000
Antimony	mg/kg	NS	NS	13 JH	100 JH	67 JH	56 JH	19 JH	5.9 JH	5.8 JH
Arsenic	mg/kg	13	16	11 J	16 J	25 J	ND	10 J	6 J	7.7 J
Barium	mg/kg	350	400	170	370	170	240	210	78	95
Beryllium	mg/kg	7.2	590	0.89	0.51	1.1	2.3	1.2	0.91	0.86
Cadmium	mg/kg	2.5	9.3	ND	0.31	0.42	3.1	0.44	ND	ND
Calcium	mg/kg	NS	NS	14000 J	15000 J	50000 D, J	150000 D, J	83000 D, J	82000 D	19,000
Chromium	mg/kg	30	1,500	260 J	60 J	670 J	1300 J	430 J	17	17
Cobalt	mg/kg	NS	NS	13 J	9.5 J	14 J	5.2 J	11 J	8.1	19
Copper	mg/kg	50	270	63 J	260 J	79 J	110 J	62 J	16	20
Iron	mg/kg	NS	NS	47000 D	71000 D	54000 D	110000 D	51000 D	23000 D	33000 D
Lead	mg/kg	63	1,000	110 J	970 J	690 J	340 J	92 J	16	83
Magnesium	mg/kg	NS	NS	6200 D	4,500	13000 D	48000 D	22000 D	20000 D, JH	6700 D, JH
Manganese	mg/kg	1,600	10,000	560	670	930	29000 D	5,300	520	600
Mercury	mg/kg	0.18	2.8	0.22	0.1	0.09	0.071	0.042	ND	0.037
Nickel	mg/kg	30	310	160	48	140	23	94	17	18
Potassium	mg/kg	NS	NS	1,700	950	2,100	470	1,900	1,400	1,300
Selenium	mg/kg	3.9	1,500	ND	ND	ND	ND	4.6 J	4.7 J	ND
Silver	mg/kg	2	1,500	1.7 J	2.4 J	1.7 J	ND	1.4 J	ND	ND
Sodium	mg/kg	NS	NS	310	ND	200	450	250	330	260
Thallium	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg	NS	NS	36 J	21 J	45 J	440 J	100 J	21	24
Zinc	mg/kg	109	10,000	130 J	200 J	140 J	890 J	240 J	61	61
Cyanide	mg/kg	27	27	ND	0.69	ND	0.84	3.2	1	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
JH - Estimated High
J - Estimated Concentration
D - Diluted
B - Analyte Found In The Associated Blank
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-6

**Target Analyte List (TAL) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-18	LB-19	LB-19	LB-20	LB-24	LB-25	LB-28
		Unrestricted SCO	Commercial SCO	LB-18-COMP1-0-4	LB-19-COMP1-0-5.4	LB-19-COMP2-5.4-7	LB-20-COMP1-0-4	LB-24-COMP1-1-3	LB-25-COMP1-0-2.4	LB-28-COMP2-4-11
				2/10/2017	2/13/2017	2/13/2017	2/13/2017	2/13/2017	2/15/2017	2/9/2017
		0 to 4	0 to 5.4	0 to 5.4 (Duplicate)	0 to 4	1 to 3	0 to 2.4	4 to 11		
Metals Analytes										
Aluminum	mg/kg	NS	NS	5,000	14,000	13,000	12,000	15,000	12000 JH	11,000
Antimony	mg/kg	NS	NS	ND	31 JH	28 JH	ND	7.6	ND	32 JH
Arsenic	mg/kg	13	16	7.8 J	14 J	13 J	6 J	ND	9.4	18 J
Barium	mg/kg	350	400	20	110	120	96	140	100	480
Beryllium	mg/kg	7.2	590	0.38	1.2	0.89	0.95	2.6	0.87 JH	0.85
Cadmium	mg/kg	2.5	9.3	0.38	ND	ND	ND	ND	0.86 JH	0.52
Calcium	mg/kg	NS	NS	40000 D, J	20,000	27,000	26,000	150000 D	26,000	20000 J
Chromium	mg/kg	30	1,500	11 J	18	22	17	14	18	330 J
Cobalt	mg/kg	NS	NS	6 J	14	14	9	ND	9.5 J	23 J
Copper	mg/kg	50	270	26 J	50	45	19	17	14	230 J
Iron	mg/kg	NS	NS	16000 D	50000 D	53000 D	26000 D	12000 D	21,000	91000 D
Lead	mg/kg	63	1,000	12 J	240	160	43	34	30 JH	360 J
Magnesium	mg/kg	NS	NS	3,900	7900 D, JH	11000 D, JH	7100 D, JH	12000 D	6700 JH	7300 D
Manganese	mg/kg	1,600	10,000	340	820	730	360	1,500	1,500	1,400
Mercury	mg/kg	0.18	2.8	ND	0.062	0.049	0.047	0.032	0.059	0.081
Nickel	mg/kg	30	310	20	18	25	16	8.5	15	250
Potassium	mg/kg	NS	NS	750	1,100	1,300	1,200	1,600	980	1,300
Selenium	mg/kg	3.9	1,500	ND	ND	ND	ND	ND	ND	ND
Silver	mg/kg	2	1,500	0.79 J	ND	0.7 J	ND	ND	ND	1.9 J
Sodium	mg/kg	NS	NS	ND	270	200	160	470	140	140
Thallium	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg	NS	NS	11 J	23	23	24	9.1	26 J	42 J
Zinc	mg/kg	109	10,000	62 J	100	130	78	48	61	360 J
Cyanide	mg/kg	27	27	ND	ND	ND	4.4	6.7	3.2	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
JH - Estimated High
J - Estimated Concentration
D - Diluted
B - Analyte Found In The Associated Blank
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-6

**Target Analyte List (TAL) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LW-03	LW-04	LW-06	Rinse Blank #1	Rinse Blank #2	Rinse Blank #3	LB-30
		Unrestricted SCO	Commercial SCO	LW-03-COMP1-4-8	LW-04-COMP1-0-4.10	LW-06-COMP1-0-4	LRB-01-2-16-17	LRB-02-2-20-17	LRB-03-2-21-17	LB-30-COMP 1
				2/20/2017	2/15/2017	2/21/2017	2/16/2017	2/20/2017	2/21/2017	6/7/2017
		4 to 8 (MS/MSD)	0 to 4.10	0 to 4	NA	NA	NA	0 to 4		
Metals Analytes										
Aluminum	mg/kg	NS	NS	5,000	5000 JH	3,100	ND	ND	ND	3320
Antimony	mg/kg	NS	NS	3.5	ND	ND	ND	ND	ND	4.58
Arsenic	mg/kg	13	16	9.9	4.3	ND	ND	ND	ND	2.06
Barium	mg/kg	350	400	88	190	34	ND	ND	ND	1790
Beryllium	mg/kg	7.2	590	0.49	0.62 JH	0.29	ND	ND	ND	ND
Cadmium	mg/kg	2.5	9.3	1.2	0.72 JH	0.56	ND	ND	ND	2.67
Calcium	mg/kg	NS	NS	30,000	130,000	13,000	ND	ND	0.21	7410
Chromium	mg/kg	30	1,500	120	20	15	ND	ND	ND	434
Cobalt	mg/kg	NS	NS	4	3.4 J	ND	ND	ND	ND	28.7
Copper	mg/kg	50	270	43	19	28	ND	ND	ND	479
Iron	mg/kg	NS	NS	5,800	11,000	19,000	ND	ND	ND	ND
Lead	mg/kg	63	1,000	93	80 JH	15	ND	ND	ND	179
Magnesium	mg/kg	NS	NS	6,600	10000 JH	4,100	ND	ND	ND	1040
Manganese	mg/kg	1,600	10,000	2,800	380	470	ND	ND	ND	ND
Mercury	mg/kg	0.18	2.8	0.098	0.03	ND	0.00013 JH	0.00013	0.00014	0.0709
Nickel	mg/kg	30	310	16	13	15	ND	ND	ND	178
Potassium	mg/kg	NS	NS	600	830	470	ND	ND	ND	803 B
Selenium	mg/kg	3.9	1,500	3.7 J	10 JH	3.9 J	ND	ND	ND	60.6
Silver	mg/kg	2	1,500	ND	ND	ND	ND	ND	ND	ND
Sodium	mg/kg	NS	NS	160	170	380	ND	ND	ND	1020
Thallium	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	109
Vanadium	mg/kg	NS	NS	61	13 J	8.3	ND	ND	ND	28.1
Zinc	mg/kg	109	10,000	140	120	41	ND	ND	ND	588
Cyanide	mg/kg	27	27	ND	1.6	0.9	ND	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
JH - Estimated High
J - Estimated Concentration
D - Diluted
B - Analyte Found In The Associated Blank
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-6

**Target Analyte List (TAL) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth						
				LB-30	LB-32	LB-32	LB-33	LB-33	LB-34	LB-34
		Unrestricted SCO	Commercial SCO	LB-30-COMP 2	LB-32-COMP 1	LB-32-COMP 2	LB-33-COMP 1	LB-33-COMP 2	LB-34-COMP 1	LB-34-COMP 2
				6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
				4 to 10.2	0 to 4	4 to 5.8	0 to 4	4 to 6.7	0 to 4	4 to 6.2
Metals Analytes										
Aluminum	mg/kg	NS	NS	6020	16300	9090	9010	10700	11200	9780
Antimony	mg/kg	NS	NS	5.18	ND	ND	1.8	ND	1.42	ND
Arsenic	mg/kg	13	16	25.1	2.4	2.41	4.44	2.62	2.64	2.38
Barium	mg/kg	350	400	507	110	73.9	75	86.2	68.2	76.5
Beryllium	mg/kg	7.2	590	0.308	0.906	0.379	0.407	0.425	0.516	0.376
Cadmium	mg/kg	2.5	9.3	1.32	ND	ND	ND	ND	ND	ND
Calcium	mg/kg	NS	NS	16300	2700	61000	8630	72900	7660	ND
Chromium	mg/kg	30	1,500	155	20.4	12.9	14.4	15.1	14.4	13.2
Cobalt	mg/kg	NS	NS	17.3	14.4	7.2	6.76	8.28	8.09	7.59
Copper	mg/kg	50	270	287	15.2	14.6	107	16	37.5	14.3
Iron	mg/kg	NS	NS	ND	25900	16600	ND	ND	23100	16700
Lead	mg/kg	63	1,000	140	16.8	12.2	85.8	13.3	38.6	12.2
Magnesium	mg/kg	NS	NS	3850	4550	18800	2830	22400	3380	20600
Manganese	mg/kg	1,600	10,000	9510	926	419	552	472	412	436
Mercury	mg/kg	0.18	2.8	0.131	0.0927	ND	0.0996	ND	0.0785	ND
Nickel	mg/kg	30	310	147	24.1	16.5	16	19.1	15	17.1
Potassium	mg/kg	NS	NS	1050 B	1580 B	1810 B	713 B	2510 B	982 B	2070 B
Selenium	mg/kg	3.9	1,500	40.3	4.74	ND	7.66	1.58	4.63	ND
Silver	mg/kg	2	1,500	ND	ND	ND	ND	ND	ND	ND
Sodium	mg/kg	NS	NS	204	48	93.4	95.8	147	19.2	113
Thallium	mg/kg	NS	NS	36.3	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg	NS	NS	20.1	28.5	18.6	20.6	22.2	20.8	19.6
Zinc	mg/kg	109	10,000	191	59.2	48.4	191	57.5	68	53
Cyanide	mg/kg	27	27	0.882	ND	ND	ND	ND	ND	ND

Notes:
mg/kg - Milligrams Per Kilogram
SCO - Soil Cleanup Objective
ND - Not Detected
NS - No Standard
JH - Estimated High
J - Estimated Concentration
D - Diluted
B - Analyte Found In The Associated Blank
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria
Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-6

**Target Analyte List (TAL) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth		
		Unrestricted SCO	Commercial SCO	LB-38	LB-38	RB-01
				LB-38-COMP 1	LB-38-COMP 2	060717-RB-01
				6/7/2017	6/7/2017	6/7/2017
			0 to 4	4 to 8.7	NA	
<i>Metals Analytes</i>						
Aluminum	mg/kg	NS	NS	6.58	11300	ND
Antimony	mg/kg	NS	NS	0.0104	8.39	ND
Arsenic	mg/kg	13	16	4.61	5.18	0.00142
Barium	mg/kg	350	400	379	828	0.153
Beryllium	mg/kg	7.2	590	ND	0.319	ND
Cadmium	mg/kg	2.5	9.3	0.893	1.67	ND
Calcium	mg/kg	NS	NS	50500	43900	ND
Chromium	mg/kg	30	1,500	281	261	ND
Cobalt	mg/kg	NS	NS	21.4	22	ND
Copper	mg/kg	50	270	291	619	ND
Iron	mg/kg	NS	NS	ND	ND	0.0362 B
Lead	mg/kg	63	1,000	421	338	ND
Magnesium	mg/kg	NS	NS	6520	9000	ND
Manganese	mg/kg	1,600	10,000	ND	ND	ND
Mercury	mg/kg	0.18	2.8	0.215	0.11	ND
Nickel	mg/kg	30	310	221	236	ND
Potassium	mg/kg	NS	NS	1550 B	2920 B	0.127 B
Selenium	mg/kg	3.9	1,500	28.8	26.7	0.00519
Silver	mg/kg	2	1,500	ND	0.798	ND
Sodium	mg/kg	NS	NS	360	296	0.595 B
Thallium	mg/kg	NS	NS	19.3	20.5	ND
Vanadium	mg/kg	NS	NS	215	73.9	ND
Zinc	mg/kg	109	10,000	218	311	ND
Cyanide	mg/kg	27	27	0.996	ND	ND

Notes:

mg/kg - Milligrams Per Kilogram

SCO - Soil Cleanup Objective

ND - Not Detected

NS - No Standard

JH - Estimated High

J - Estimated Concentration

D - Diluted

B - Analyte Found In The Associated Blank

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO Criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO Criteria

TABLE 6-7

**Toxicity Characteristic Leaching Procedure (TCLP) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>6 NYCRR Part 371</i>	Location ID, Sample ID, Sample Date, and Sample Depth			
			LB-21	LB-22	LB-23	LW-05
			LB-21-COMP1-0-4	LB-22-COMP1-0-4	LB-23-COMP1-0-4	LW-05-COMP1-0-6
			2/13/2017	2/13/2017	2/13/2017	2/20/2017
			0 to 4	0 to 4	0 to 4	0 to 6
<i>TCLP Metals Analytes</i>						
Arsenic	mg/L	5	ND	ND	0.01	0.011
Barium	mg/L	100	0.31	0.3	0.5	0.34
Cadmium	mg/L	1	ND	ND	ND	0.0051
Lead	mg/L	5	0.28	0.046	0.51	0.47
Mercury	mg/L	0.2	ND	ND	ND	0.00017
Selenium	mg/L	1	0.12	0.14	0.14	ND

Notes:
mg/L - Milligrams Per Liter
ND - Not Detected

TABLE 6-8

**Synthetic Precipitate Leaching Procedure (SPLP) Metals Detected in Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>6 NYCRR Part 371</i>	Location ID, Sample ID, Sample Date, and Sample Depth			
			LB-21	LB-22	LB-23	LW-05
			LB-21-COMP1-0-4	LB-22-COMP1-0-4	LB-23-COMP1-0-4	LW-05-COMP1-0-6
			2/13/2017	2/13/2017	2/13/2017	2/20/2017
			0 to 4	0 to 4	0 to 4	0 to 6
<i>Metals Analytes</i>						
Barium	mg/L	100	ND	ND	ND	0.22 D
Lead	mg/L	5	ND	ND	ND	0.052 D
Mercury	mg/L	0.2	0.0001	ND	ND	0.00028

Notes:
mg/L - Milligrams Per Liter
ND - Not Detected
D - Diluted

TABLE 6-9

Volatile Organic Compounds (VOCs) Detected in Groundwater
 Western New York Workforce Training Center (No. C915310)
 Remedial Investigation

Parameters	Units	NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values	Location ID, Sample ID, and Sample Date and Time						
			LW-01	LW-01	LW-02	LW-03	LW-03	LW-04	LW-04
			LW-01	LW-01	LW-02	LW-03	LW-03	LW-04	LW-04
			4/5/17 13:05	11/14/17	4/5/17	4/5/17	11/14/17	4/5/17	11/15/17
<i>Volatile Organic Analytes</i>									
Acetone	ug/L	50	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethylene	ug/L	5	ND	ND	ND	ND	ND	1.8	2.9 J
Methylcyclohexane	ug/L	NC	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	ug/L	5	ND	ND	ND	ND	ND	1	1.1 J

Notes:

ug/L - Micrograms Per Liter

NC - No Criteria

ND - Not Detected

TABLE 6-9

**Volatile Organic Compounds (VOCs) Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values</i>	Location ID, Sample ID, and Sample Date and Time			
			LW-05	LW-05	LW-06	LW-06
			LW-05	LW-05	LW-06 MS/MSD	LW-06
			4/6/17	11/15/17	4/6/17	11/14/17
<i>Volatile Organic Analytes</i>						
Acetone	ug/L	50	ND	4 J	ND	ND
1,1-Dichloroethane	ug/L	5	1.3	4.3 J	ND	ND
Cis-1,2-Dichloroethylene	ug/L	5	ND	ND	ND	ND
Methylcyclohexane	ug/L	NC	ND	ND	1.4	ND
Trichloroethylene (TCE)	ug/L	5	ND	ND	ND	ND

Notes:

ug/L - Micrograms Per Liter

NC - No Criteria

ND - Not Detected

TABLE 6-10

**Semi-Volatile Organic Compounds (SVOCs) Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values</i>	Location ID, Sample ID, and Sample Date						
			LW-01	LW-01	LW-02	LW-03	LW-03	LW-04	
			LW-01	LW-01	LW-02	LW-03	LW-03	LW-04	
			4/5/2017	11/14/2017	4/5/2017	4/5/2017	11/14/2017	4/5/2017	
1,4-Dioxane	ug/L	NC	ND	ND	ND	ND	ND	ND	ND

Notes:

ug/L - Micrograms Per Liter

NC - No Criteria

ND - Not Detected

TABLE 6-10

**Semi-Volatile Organic Compounds (SVOCs) Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values</i>	Location ID, Sample ID, and Sample Date				
			LW-04	LW-05	LW-05	LW-06	LW-06
			LW-04	LW-05	LW-05	LW-06 MS/MSD	LW-06
			11/15/2017	4/5/2017	11/15/2017	4/5/2017	11/14/2017
1,4-Dioxane	ug/L	NC	ND	ND	6.8 J	ND	ND

Notes:

ug/L - Micrograms Per Liter

NC - No Criteria

ND - Not Detected

TABLE 6-11

**Polychlorinated Biphenyls (PCBs) Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values</i>	Location ID, Sample ID, and Sample Date						
			LW-01	LW-01	LW-02	LW-03	LW-03	LW-04	LW-04
			LW-01	LW-01	LW-02	LW-03	LW-03	LW-04	LW-04
			4/5/2017	11/14/2017	4/5/2017	4/5/2017	11/14/2017	4/5/2017	11/14/2017
<i>PCB Analytes</i>									
Total PCBs	ug/L	0.09	ND	ND	ND	ND	ND	ND	ND

Notes:

ug/L - Micrograms Per Liter

NC - No Criteria

ND - Not Detected

TABLE 6-11

**Polychlorinated Biphenyls (PCBs) Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values</i>	Location ID, Sample ID, and Sample Date			
			LW-05	LW-05	LW-06	LW-06
			LW-05	LW-05	LW-06	LW-06
			4/5/2017	11/15/2017	4/5/2017	11/14/2017
<i>PCB Analytes</i>						
Total PCBs	ug/L	0.09	ND	ND	ND	ND

Notes:

ug/L - Micrograms Per Liter

NC - No Criteria

ND - Not Detected

TABLE 6-12

**Pesticides Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values</i>	<i>Location ID, Sample ID, and Sample Date</i>					
			<i>LW-01</i>	<i>LW-01</i>	<i>LW-02</i>	<i>LW-03</i>	<i>LW-03</i>	<i>LW-04</i>
			<i>LW-01</i>	<i>LW-01</i>	<i>LW-02</i>	<i>LW-03</i>	<i>LW-03</i>	<i>LW-04</i>
			<i>4/5/2017</i>	<i>11/14/2017</i>	<i>4/5/2017</i>	<i>4/5/2017</i>	<i>11/14/2017</i>	<i>4/5/2017</i>
<i>Pesticides Analytes</i>								
Total Pesticides	ug/L	NC	ND	ND	ND	ND	ND	ND

Notes:

ug/L - Micrograms Per Liter

NC - No Criteria

ND - Not Detected

TABLE 6-12

**Pesticides Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values</i>	<i>Location ID, Sample ID, and Sample Date</i>			
			<i>LW-05</i>	<i>LW-05</i>	<i>LW-06</i>	<i>LW-06</i>
			<i>LW-05</i>	<i>LW-05</i>	<i>LW-06</i>	<i>LW-06</i>
			<i>4/5/2017</i>	<i>11/15/2017</i>	<i>4/5/2017</i>	<i>11/14/2007</i>
<i>Pesticides Analytes</i>						
Total Pesticides	ug/L	NC	ND	ND	ND	ND

Notes:

ug/L - Micrograms Per Liter

NC - No Criteria

ND - Not Detected

TABLE 6-13

**Target Analyte List (TAL) Metals Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values	Location ID, Sample ID, and Sample Date						
			LW-01	LW-01	LW-02	LW-03	LW-03	LW-04	LW-04
			LW-01	LW-01	LW-02	LW-03	LW-03	LW-04	LW-04
			4/5/2017	11/14/2017	4/5/2017	4/5/2017	11/14/2017	4/5/2017	11/15/2017
<i>Metals Analytes</i>									
Aluminum	mg/L	NC	ND	0.00696 J	ND	ND	ND	ND	ND
Arsenic	mg/L	0.025	ND	ND	ND	0.01	ND	ND	ND
Barium	mg/L	1	ND	0.0484 J	0.079	ND	0.0402 J	ND	0.0221 J
Calcium	mg/L	NC	88	86	79	91	116	76	65
Chromium	mg/L	0.05	ND	ND	ND	ND	ND	ND	0.00226 J
Copper	mg/L	0.2	ND	ND	ND	ND	ND	ND	ND
Iron	mg/L	0.3	0.58	0.518	1.9	0.57	2	ND	0.0704
Lead	mg/L	0.025	ND	ND	ND	ND	ND	ND	ND
Magnesium	mg/L	35	27	22	14	27	24	12	9
Manganese	mg/L	0.3	0.33	0.249	0.77	0.24	0.626	ND	0.00512 J
Mercury	mg/L	0.0007	ND	ND	ND	ND	ND	ND	ND
Nickel	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND
Potassium	mg/L	NC	2.8	2	8.2	2.8	3	3.2	3
Sodium	mg/L	20	35	33	19	31	24	96	65
Vanadium	mg/L	NC	ND	ND	ND	ND	ND	ND	ND
Zinc	mg/L	2	ND	0.00737 J	ND	ND	0.00787 J	ND	ND
Cyanide	mg/L	0.2	ND	ND	ND	ND	ND	0.015	ND

Notes:

mg/L - Milligrams Per Liter

NC - No Criteria

ND - Not Detected

Bold Font and Boxed Cell - Exceeds Criteria

TABLE 6-13

**Target Analyte List (TAL) Metals Detected in Groundwater
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	NYS TOGS 1.1.1 Ambient Water Quality Standards/Guidance Values	Location ID, Sample ID, and Sample Date			
			LW-05	LW-05	LW-06	LW-06
			LW-05	LW-05	LW-06	LW-06
			4/5/2017	11/15/2017	4/5/2017	11/14/2017
<i>Metals Analytes</i>						
Aluminum	mg/L	NC	ND	ND	0.061	ND
Arsenic	mg/L	0.025	0.011	ND	0.013	ND
Barium	mg/L	1	ND	0.013	0.062	0.076
Calcium	mg/L	NC	100	303	120	122
Chromium	mg/L	0.05	ND	0.00196 J	ND	0.00372 J
Copper	mg/L	0.2	ND	0.00286 J	ND	ND
Iron	mg/L	0.3	9.4	2	1	1
Lead	mg/L	0.025	ND	ND	ND	ND
Magnesium	mg/L	35	12	65	48	46
Manganese	mg/L	0.3	0.85	1	0.22	0.255
Mercury	mg/L	0.0007	ND	ND	ND	ND
Nickel	mg/L	0.1	ND	0.0148 J	ND	0.00704 J
Potassium	mg/L	NC	3.3	9	2.7	2
Sodium	mg/L	20	17	80	46	44
Vanadium	mg/L	NC	ND	ND	0.012	ND
Zinc	mg/L	2	ND	0.00888 J	ND	0.0079 J
Cyanide	mg/L	0.2	ND	0.000025	ND	ND

Notes:

mg/L - Milligrams Per Liter

NC - No Criteria

ND - Not Detected

Bold Font and Boxed Cell - Exceeds Criteria

TABLE 6-14

Semi-Volatile Organic Compounds (SVOCs) Detected in Surface Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth (Inches)					
				SFC-1	SFC-2	SFC-2	SFC-3	SFC-4	SFC-4
		Unrestricted SCO	Commercial SCO	SFC-1-Surface	SFC-2-Surface	SFC-2-2-12	SFC-3-Surface	SFC-4-Surface	SFC-4-2-12
				6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
				0-2.0 inches	0-2.0 inches	2.0-12 inches	0-2.0 inches	0-2.0 inches	2.0-12 inches
<i>Semi Volatile Organic Analytes</i>									
Acenaphthene	mg/kg	20	500	ND	0.171	ND	1.58	0.52	ND
Acenaphthylene	mg/kg	100	500	ND	ND	ND	0.0576 J	0.637 J	ND
Anthracene	mg/kg	100	500	ND	0.291	ND	4.72	1.11	0.0598 J
Benzo(A)Anthracene	mg/kg	1	5.6	0.189	0.659	ND	10.7	4.09	0.266
Benzo(A)Pyrene	mg/kg	1	1	0.238	0.732	ND	9.55	5.01	0.419
Benzo(B)Fluoranthene	mg/kg	1	5.6	0.185	0.635	ND	7.41	3.77	0.362
Benzo(G,H,I)Perylene	mg/kg	100	500	0.16	0.5	ND	2.76	2.19	0.26
Benzo(K)Fluoranthene	mg/kg	0.8	56	0.225	0.719	ND	8.32	2.7	0.341
Carbazole	mg/kg	NS	NS	ND	0.235	ND	1.48	1.14	ND
Chrysene	mg/kg	1	56	0.243	0.72	ND	11.4	4.64	0.324
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	0.225	ND	1.89	1.07	0.12
Dibenzofuran	mg/kg	14	350	ND	0.0786 J	ND	0.438	0.21	ND
Fluoranthene	mg/kg	100	500	0.364	1.63	ND	20.5	10.3	0.495
Fluorene	mg/kg	30	500	ND	0.154	ND	1.46	0.431	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	0.116	0.443	ND	2.87	2.16	0.237
2-Methylnaphthalene	mg/kg	NS	NS	ND	0.0539 J	ND	0.271	0.182	ND
2-Methylphenol (O-Cresol)	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND
3- And 4- Methylphenol (Total)	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND
Naphthalene	mg/kg	12	500	ND	0.134	ND	0.125	0.171	ND
Nitrobenzene	mg/kg	NS	69	ND	ND	ND	ND	ND	ND
Pentachlorophenol	mg/kg	0.8	6.7	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	0.255	1.19	ND	17.6	5.94	0.292
Phenol	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND
Pyrene	mg/kg	100	500	0.326	1.2	ND	20.1	7.98	0.477
1,1-Biphenyl	mg/kg	NS	NS	ND	ND	ND	0.0583 J	ND	ND

Notes:

mg/kg - Milligrams per kilogram

NS - No standard

ND - Not detected

J - Estimated concentration

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO criteria

TABLE 6-15

**Polychlorinated Biphenyls (PCBs) Detected in Surface Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>6 NYCRR Part 375</i>		<i>Location ID, Sample ID, Sample Date, and Sample Depth</i>					
				<i>SFC-1</i>	<i>SFC-2</i>	<i>SFC-2</i>	<i>SFC-3</i>	<i>SFC-4</i>	<i>SFC-4</i>
		<i>Unrestricted SCO</i>	<i>Commercial SCO</i>	<i>SFC-1-Surface</i>	<i>SFC-2-Surface</i>	<i>SFC-2-2-12</i>	<i>SFC-3-Surface</i>	<i>SFC-4-Surface</i>	<i>SFC-4-2-12</i>
				<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>
		<i>0-2.0 inches</i>	<i>0-2.0 inches</i>	<i>2.0-12 inches</i>	<i>0-2.0 inches</i>	<i>0-2.0 inches</i>	<i>2.0-12 inches</i>		
<i>PCB Analytes</i>									
Aroclor-1254	mg/kg	NS	NS	ND	ND	ND	0.0465	0.0702	ND
Total PCBs	mg/kg	0.1	1	ND	ND	ND	0.0465	0.0702	ND

Notes:

mg/kg - Milligrams per kilogram

NS - No standard

ND - Not detected

TABLE 6-16

**Pesticides Detected in Surface Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

<i>Parameters</i>	<i>Units</i>	<i>6 NYCRR Part 375</i>		<i>Location ID, Sample ID, Sample Date, and Sample Depth</i>					
				<i>SFC-1</i>	<i>SFC-2</i>	<i>SFC-2</i>	<i>SFC-3</i>	<i>SFC-4</i>	<i>SFC-4</i>
		<i>Unrestricted SCO</i>	<i>Commercial SCO</i>	<i>SFC-1-Surface</i>	<i>SFC-2-Surface</i>	<i>SFC-2-2-12</i>	<i>SFC-3-Surface</i>	<i>SFC-4-Surface</i>	<i>SFC-4-2-12</i>
				<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>	<i>6/7/2017</i>
		<i>0-2.0 inches</i>	<i>0-2.0 inches</i>	<i>2.0-12 inches</i>	<i>0-2.0 inches</i>	<i>0-2.0 inches</i>	<i>2.0-12 inches</i>		
<i>Pesticides Analytes</i>	mg/kg			ND	ND	ND	ND	ND	ND

Notes:

mg/kg - Milligrams per kilogram

NS - No standard

ND - Not detected

TABLE 6-17

**Target Analyte List (TAL) Metals Detected in Surface Soil
Western New York Workforce Training Center (No. C915310)
Remedial Investigation**

Parameters	Units	6 NYCRR Part 375		Location ID, Sample ID, Sample Date, and Sample Depth					
				SFC-1	SFC-2	SFC-2	SFC-3	SFC-4	SFC-4
		Unrestricted SCO	Commercial SCO	SFC-1-Surface	SFC-2-Surface	SFC-2-2-12	SFC-3-Surface	SFC-4-Surface	SFC-4-2-12
				6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
		0-2.0 inches	0-2.0 inches	2.0-12 inches	0-2.0 inches	0-2.0 inches	2.0-12 inches		
<i>Metals Analytes</i>									
Aluminum	mg/kg	NS	NS	4780	4350	18000	10000	3430	11500
Antimony	mg/kg	NS	NS	17.4	2.07	ND	1.54	3.45	ND
Arsenic	mg/kg	13	16	19.5	24.4	3.8	4.16	7.19	3.57
Barium	mg/kg	350	400	73.9	51	122	121	111	96.7
Beryllium	mg/kg	7.2	590	0.517	0.299	0.797	0.978	0.229	0.47
Cadmium	mg/kg	2.5	9.3	ND	ND	ND	0.343	0.596	ND
Calcium	mg/kg	NS	NS	10100	24900	2920	76200	30000	62900
Chromium	mg/kg	30	1,500	22.7	12.7	22.7	24.7	94.7	17
Cobalt	mg/kg	NS	NS	5.89	3.83	14.8	4.36	6.16	7.87
Copper	mg/kg	50	270	69.7	31.9	23	48.7	153	20.8
Iron	mg/kg	NS	NS	ND	18200	29600	20300	ND	22100
Lead	mg/kg	63	1,000	357	82.7	16.6	87.3	133	29
Magnesium	mg/kg	NS	NS	2480	6680	5630	6250	9670	19500
Manganese	mg/kg	1,600	10,000	343	240	648	784	504	472
Mercury	mg/kg	0.18	2.8	0.305	0.0922	0.0418	0.073	0.264	ND
Nickel	mg/kg	30	310	21.6	12.1	30.1	16.1	54.7	20.6
Potassium	mg/kg	NS	NS	474 B	479 B	2130 B	1010 B	518 B	2460 B
Selenium	mg/kg	3.9	1,500	11.5	3.26	4.94	4.66	8.37	2.56
Silver	mg/kg	2	1,500	ND	ND	ND	ND	0.791	ND
Sodium	mg/kg	NS	NS	26.9	19.2	28.2	191	49.8	101
Thallium	mg/kg	NS	NS	ND	ND	ND	ND	1.35	ND
Vanadium	mg/kg	NS	NS	16.9	13.5	30.2	12.8	13.3	23.3
Zinc	mg/kg	109	10,000	90.2	69.7	71.1	82.9	224	69.9
Cyanide	mg/kg	27	27	3.14	ND	ND	1.59	0.774	ND

Notes:

mg/kg - Milligrams per kilogram

NS - No standard

ND - Not detected

B - Analyte is found in the associated analysis batch blank

Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria

Boxed Cell - Exceeds 6 NYCRR Part 375 Commercial SCO criteria

TABLE 6-18

Volatile Organic Compounds (VOCs) Detected In Soil Vapor
Western New York Workforce Training Center (No. C915310)
Remedial Investigation

Parameters	Units	Matrix Sub-slab Vapor Concentration Range	NYSDOH AGV	Location ID, Sample ID, Sample Date, and Type									
				SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SV-01	SV-02	SV-03
				SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SV-01	SV-02	SV-03
				4/18/2017	4/14/2017	4/18/2017	4/14/2017	4/18/2017	4/18/2017	4/18/2017	11/4/2017	11/4/2017	11/4/2017
				Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	Soil Vapor	Soil Vapor	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab
Volatile Organic Analytes													
Acetone	ug/m ³	NC	NC	16	1,300	15	ND	12	23	110	3.8	30.2	5.46
Benzene	ug/m ³	NC	NC	0.47	15	0.26 J	14	ND	0.43	1	ND	4.79	0.83 J
Bromodichloromethane	ug/m ³	NC	NC	ND	ND	11	ND	ND	ND	ND	ND	6.16	ND
Bromoform	ug/m ³	NC	NC	0.68 J	11	1.4	3.9	ND	2.4	6.5	ND	ND	ND
1,3-Butadiene	ug/m ³	NC	NC	ND	ND	ND	0.56	ND	ND	ND	ND	ND	8.19
2-Butanone (MEK)	ug/m ³	NC	NC	2.8 J	11 J	2.7 J	4.8 J	1.7 J	2.5 J	10 J	0.32 J	4.13	0.47 J
Carbon Disulfide	ug/m ³	NC	NC	1.6 J	690	3.7	5 J	2.9 J	1.6 J	6.2	ND	10.3	10.9
Carbon Tetrachloride ¹	ug/m ³	6 to 60	NC	3	ND	1.1	0.75 J	0.35 J	0.45 J	2.6	0.38	1.7	0.88
Chloroform	ug/m ³	NC	NC	5.3	ND	45	ND	ND	0.28 J	1.4	ND	34.2	36.1
Chloromethane	ug/m ³	NC	NC	ND	ND	ND	ND	ND	0.25 J	ND	0.91 J	ND	ND
Cyclohexane	ug/m ³	NC	NC	3.2	ND	ND	510	ND	1.7	3.7	ND	5.85	1.45 J
Dibromochloromethane	ug/m ³	NC	NC	ND	ND	1.2	ND	ND	ND	ND	ND	ND	1.28 J
1,4-Dichlorobenzene	ug/m ³	NC	NC	0.23 J	ND	0.19 J	ND	0.23 J	0.23 J	0.36 J	ND	1.62 J	1.02 J
Dichlorodifluoromethane (Freon 12)	ug/m ³	NC	NC	5.1	2.5	3.5	3.4	3.1	3.2	22	1.63 J	1.43 J	1.58 J
1,1-Dichloroethane	ug/m ³	NC	NC	ND	ND	0.52	ND	ND	0.96	ND	ND	ND	1.17 J
cis-1,2-Dichloroethylene ¹	ug/m ³	6 to 60	NC	ND	3.1	2	ND	ND	ND	ND	ND	1.43 J	1.51 J
trans-1,2-Dichloroethylene	ug/m ³	NC	NC	ND	1.5 J	ND	ND	ND	0.86	ND	ND	ND	ND
Ethanol	ug/m ³	NC	NC	ND	52	3.5	ND	ND	ND	ND	ND	ND	ND
Ethyl Acetate	ug/m ³	NC	NC	ND	ND	ND	ND	ND	0.79	ND	ND	ND	ND
Ethylbenzene	ug/m ³	NC	NC	0.96	120	0.51	32	0.42 J	0.49	1.7	ND	1.43 J	ND
4-Ethyltoluene	ug/m ³	NC	NC	0.24 J	39	0.15 J	13	ND	0.14 J	1	ND	ND	ND
Heptane	ug/m ³	NC	NC	3.3	70	0.38 J	360	0.32 J	1.2	7.5	ND	12.7	1.15 J
Hexane	ug/m ³	NC	NC	3.1 J	71	ND	360	0.85 J	1.5 J	4.9 J	0.67 J	10.9	2.85
Isopropanol	ug/m ³	NC	NC	1.9 J	260	2 J	5.1 J	0.59 J	0.83 J	4.3 J	ND	ND	ND
Methylene Chloride ²	ug/m ³	100 to 1,000	60	ND	ND	ND	0.85 J	ND	ND	ND	2.88	10.8	3.44
4-Methyl-2-pentanone (MIBK)	ug/m ³	NC	NC	2.5	92	2.1	ND	2.7	2.6	4.3	ND	ND	ND
Naphthalene	ug/m ³	NC	NC	0.93	160	0.77	51	ND	4.2	10	ND	ND	ND
Propene	ug/m ³	NC	NC	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/m ³	NC	NC	ND	1.6 J	ND	1.1	ND	ND	0.16 J	ND	2.77	ND
Tetrachloroethylene ²	ug/m ³	100 to 1,000	100	5.9	29	3.6	27	0.20 J	440	10	ND	1.49	1.56
Toluene	ug/m ³	NC	NC	4.8	1,400	4.8	91	2.5	3	5.9	0.68 J	18.8	12.1
1,1,1-Trichloroethane ²	ug/m ³	100 to 1,000	NC	11	2 J	2.2	210	11	79	64	ND	4.42	2.95
Trichloroethylene ¹	ug/m ³	6 to 60	5	14	6.7	260	ND	0.49 J	4	64	ND	146 D	101 D
Trichlorofluoromethane (Freon 11)	ug/m ³	NC	NC	2 J	1.3 J	1.6 J	2.1 J	1.6 J	1.7 J	2.4	1.52 J	1.4 J	1.52 J
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ug/m ³	NC	NC	0.8 J	ND	0.64 BJ	0.86 BJ	0.66 BJ	0.80 BJ	0.67 BJ	ND	ND	ND
1,2,4-Trimethylbenzene	ug/m ³	NC	NC	1.7	240	0.7	99	0.21 J	0.99	9.1	ND	1.23 J	ND
1,3,5-Trimethylbenzene	ug/m ³	NC	NC	0.6	90	0.25 J	42	ND	0.24 J	3.3	ND	ND	ND
Vinyl Acetate	ug/m ³	NC	NC	ND	ND	1.6 J	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	ug/m ³	NC	NC	5.4	720	2.4	180	1.6	2.2	7.8	ND	4.78	2.3 J
o-Xylene	ug/m ³	NC	NC	2.4	290	0.83	57	0.36 J	0.7	2.6	ND	1.56 J	0.69 J

Notes:

ug/m³ - Micrograms per cubic meter

NC - No Criteria

ND - Non Detect

B - Analyte found in the associated blank

J = Estimated concentration

D = Diluted

1 = NYSDOH Vapor Intrusion Guidance Document Decision Matrix A applies to these compounds

2 = NYSDOH Vapor Intrusion Guidance Document Decision Matrix B applies to these compounds

Bold = Value exceeds NYSDOH AGV

Bold = Value indicates "mitigation" based on Decision Matrix

- Soil Vapor/Indoor Air Matrix A

- Soil Vapor/Indoor Air Matrix B

**Table 7-1
Selection Of Exposure Pathway Scenarios
Western New York Workforce Training Center (C915301)
Remedial Investigation**

Scenario Timeframe	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age	Exposure Route	On-Site/ Off-Site	Rationale for Selection or Exclusion of Exposure Pathway
Current/Future	Surface Soil (0 to 2 ft bgs)	Surface Soil	Direct Contact	Site Visitor	Adult	Ingestion Dermal Inhalation of Particulates	On-Site	Potential exposure to contaminated surface soil while at the Site.
			Direct Contact	Construction or Industrial Worker	Adult	Ingestion Dermal Inhalation of Particulates	On-Site	Potential exposure to contaminated surface soil while working at the Site.
		Ambient Air	Direct Contact	Site Visitor	Adult	Inhalation of Vapors	On-Site	Potential exposure to VOCs in ambient air while at the Site.
			Direct Contact	Construction or Industrial	Adult	Inhalation of Vapors	On-Site	Potential exposure to VOCs in ambient air while working at the Site.
	Soils (0 to 12 ft bgs)	Indoor Air	Direct Contact	Construction or Industrial	Adult	Inhalation of Vapors	On-Site	Potential exposure to VOCs in indoor air while working at the Site.
	Oil	Subsurface	Direct Contact	Construction or Industrial Worker	Adult	Ingestion Dermal Inhalation of Droplets	On-Site	Potential exposure to contaminated subsurface oil while working belowground at the Site.
	Groundwater	Indoor Air	Direct Contact		Adult	Inhalation of Vapors	On-Site	Potential exposure to VOCs in indoor air while working at the Site.
Future	Soils (0 to 12 ft bgs)	Soil	Direct Contact	Construction or Industrial Worker	Adult	Ingestion Dermal Inhalation of Particulates	On-Site	Potential exposure to contaminated soil during ground intrusive activities at the Site.
		Ambient Air	Direct Contact	Construction or Industrial Worker	Adult	Inhalation of Vapors	On-Site	Potential exposure to VOCs in ambient air during ground intrusive activities at the Site.
	Oil	Subsurface	Direct Contact	Construction or Industrial Worker	Adult	Ingestion Dermal Inhalation of Droplets	On-Site	Potential exposure to contaminated subsurface oil while working belowground at the Site.
	Groundwater	Groundwater	Direct Contact	Construction or Industrial Worker	Adult	Ingestion Dermal	On-Site	Potential exposure to groundwater during ground intrusive activities at the Site.
		Ambient Air	Direct Contact	Construction or Industrial Worker	Adult	Inhalation of Vapors	On-Site	Potential exposure to groundwater during ground intrusive activities at the Site.

Table 11-1

**General Response Actions and Remedial Technology Screening
Western New York Workforce Training Center (C915310)
Remedial Investigation**

General Response Actions for Soil and Air/Soil Vapor	Remedial Technologies	Description	Screening Comments
Containment	Cap/Cover	Newly-constructed soil cover or asphalt/concrete cap. Building plant floor may include vapor barrier Use of existing concrete slabs as caps	Applicable, Retained.
Source Removal	Soil Excavation with Offsite Disposal/ Treatment	Excavate contaminated soil and transport offsite for disposal/treatment.	Applicable, Retained.
Treatment	In Situ Biological Treatment	Microorganisms, oxygen, and/or nutrients added to subsurface to reduce the toxicity of contaminants in soil.	Not proven for Metals, limited for SVOCs and PCB. Not retained.
	In Situ Thermal Treatment	Various processes use heat to increase contaminant mobilization via volatilization and viscosity reduction. Off-gases may be collected and treated. Groundwater control may be needed to retain heat during treatment.	High temperatures required for PCB removal and has high energy requirements. Not retained.
	In Situ Solidification	Using large augers or other injection/mixing technology, contaminated soil is mixed in situ with binders isolating and immobilizing contaminants. All subsurface infrastructures would have to be removed.	Contaminant mass not reduced. Presences and future use of existing building limits implementation. Not retained.
	In Situ Chemical Treatment	Various processes using chemicals to destroy organic contaminants or convert them to non-toxic compounds by introducing chemicals to the subsurface through infiltration.	Not applicable for PCBs. Not retained.
	Ex Situ Treatment Land Framing	Excavate contaminated soil, treat onsite using land spreading and application of amendments. Then use treated soil as backfill material on site	Multiple handling of soil and increase exposure of public during implementation. Not retained.
	Ex-Situ Thermal Treatment	See In-Situ Thermal Treatment.	See In-Situ Thermal Treatment. Not retained.

TABLE 12-2
ALTERNATIVE 2
EXCAVATION AND OFFSITE DISPOSAL ALL SOILS ABOVE NYSDEC PART 375 UNRESTRICTIVE USE
Western New York Workforce Training Center (No C915310)

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT COST	TOTAL COST
1	Site Management Plans from (Alternative 1)				\$ 20,000
2	Health and Safety Requirements				
2a	On-site Health and Safety Officer	DAY	58	\$750	\$43,500
2b	Temporary Office	Month	3	\$1,000	\$3,000
2c	Personal Protective Equipment (PPE) Level D	Day	58	\$65	\$3,770
2d	Personal Air-Monitoring	Day	58	\$50	\$2,900
2e	Project Submittals (Utilities, Schedules, Survey, HASP)	LS	1	\$10,000	\$10,000
	Item 2 subtotal				\$63,170
3	Excavation and Disposal/Treatment (Any Parameter greater than NYCRR375.6 Unrestrictive Use SCOs)				
3a	Remove and Dispose of PCB contaminated soils > 50 ppm (Haz)	Ton	850	\$175	\$148,750
3b	Remove and Dispose of contaminated soils (non-haz)	Ton	41,890	\$55	\$2,303,950
3c	Back Fill Excavation with clean fill	CY	19,935	\$45	\$897,075
3d	Dewatering during excavation (if necessary)	Gal	10,000	\$1.50	\$15,000
	Item 3 subtotal				\$3,364,775
4	Environmental Consultant				
4a	Air monitoring, material tracking during excavation, field oversight	Day	58	\$520	\$30,160
4b	Verification sampling	EA	100	\$475	\$47,500
4c	Supplemental Investigation of Shallow Bedrock/Groundwater	LS	1	\$75,000	\$75,000
	Item 4 subtotal				\$152,660
5	Vapor Mitigation System				
5a	PVC VMS pipe installation (include trenching)	LF	400	\$25	\$10,000
5b	Disposal of excavated material	Ton	25	\$55	\$1,375
5c	Backfill trench with clean stone	CY	15	\$45	\$675
5d	VMS Blower system	LS	1	\$7,500	\$7,500
5e	Annual O&M Cost				\$6,240
	Item 5 subtotal				\$25,790
6	UST/AST Removal and Disposal				
	23,800 Gallon Fuel Oil USTs	LS	3	\$150,000	\$450,000
	2,000 Gallon Gear/Hydraulic Oil USTs	LS	2	\$20,000	\$40,000
	6,000 Gallon Waste Oil AST	LS	1	\$2,000	\$2,000
	Item 6 subtotal				\$492,000
	Present Worth of Annual O&M Cost (30 yrs)				\$95,924
	Capital Cost Subtotal				\$4,214,319
	Contingency (25%)				\$1,053,580
			TOTAL		\$5,267,899

Notes:

TABLE 12-3
ALTERNATIVE 3
Excavation and Offsite Disposal of Soil with PCB Concentrations Greater than 10 ppm
Western New York Workforce Training Center (No C915310)

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT COST	TOTAL COST
1	Site Management Plans from (Alternative 1)				\$ 20,000
2	Health and Safety Requirements				
2a	On-site Health and Safety Officer	DAY	44	\$750	\$33,000
2b	Temporary Office	Month	2	\$1,000	\$2,000
2c	Personal Protective Equipment (PPE) Level D	Day	44	\$65	\$2,860
2d	Personal Air-Monitoring	Day	44	\$50	\$2,200
2e	Project Submittals (Utilities, Schedules, Survey, HASP)	LS	1	\$10,000	\$10,000
	Item 2 subtotal				\$50,060
3	Excavation and Disposal/Treatment (PCB > 10 ppm)				
3a	Remove and Dispose of PCB contaminated soils > 50 ppm (Haz)	Ton	850	\$175	\$148,750
3b	Remove and Dispose of PCB contaminated soils > 10 ppm < 50 ppm	Ton	4,315	\$55	\$237,325
3c	Back Fill Excavation with clean fill	CY	3,113	\$45	\$140,085
3d	Dewatering during excavation (if necessary)	Gal	1,000	\$1.50	\$1,500
	Item 3 subtotal				\$527,660
4	Environmental Consultant				
4a	Air monitoring, material tracking during excavation, field oversight	Day	22	\$520	\$11,440
4b	Verification sampling	EA	20	\$175	\$3,500
4c	Supplemental Investigation of Shallow Bedrock/Groundwater	LS	1	\$75,000	\$75,000
	Item 4 subtotal				\$89,940
5	Soil Cap				
5a	Clean Fill (8") supply, place, compact and grade	CY	825	\$45	\$37,125
5b	Top Soil (4") supply, place and grade	CY	415	\$45	\$18,675
5c	Hydro-seed	LS	1	\$1,500.00	\$1,500
5d	Subbase Course Type II	CY	3,256	\$60.00	\$195,360
5e	Paved surfaces	SF	87,900	\$4.50	\$395,550
	Item 5 subtotal				\$648,210
6	Vapor Mitigation System				
6a	PVC VMS pipe installation (include trenching)	LF	400	\$25	\$10,000
6b	Disposal of excavated material	Ton	25	\$55	\$1,375
6c	Backfill trench with clean stone	CY	15	\$45	\$675
6d	VMS Blower system	LS	1	\$7,500	\$7,500
6e	Annual O&M Cost				\$6,240
	Item 6 subtotal				\$25,790
7	UST/AST Removal and Disposal				
	23,800 Gallon Fuel Oil USTs	LS	3	\$150,000	\$450,000
	2,000 Gallon Gear/Hydraulic Oil USTs	LS	2	\$6,000	\$12,000
	6,000 Gallon Waste Oil AST	LS	1	\$5,000	\$5,000
	Item 7 subtotal				\$467,000
	Present Worth of Annual O&M Cost (30 yrs)				\$95,924
	Capital Cost Subtotal				\$1,924,584
	Contingency (25%)				\$481,146
			TOTAL		\$2,405,730



APPENDIX A
BORING LOGS



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-01	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
					GROUND ELEVATION: N/A	
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER
				DIA.		6620DT
				WT.		2"
				FALL		
					DATE STARTED: February 9, 2017	
					DATE FINISHED: February 9, 2017	
					DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid Pattern]				100%	brown-black	somewhat loose	0-4' silty SAND with gravel, slag, red brick, coal, concrete	FILL	0 ppm
										0 ppm
5	[Grid Pattern]				100%	brown	loose	4-5.3' silty SAND, crushed concrete, slag, coal, brick, wood	CL	0 ppm
										0 ppm
	[Diagonal Hatching]				70%	tan	firm	5.3-8' silty CLAY	CL	0 ppm
										0 ppm
10	[Diagonal Hatching]				70%	tan	firm	8-9.8' silty CLAY	CL	0 ppm
										0 ppm
								Bedrock Refusal @ 9.8' bgs.		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-01-COMP1-0-4', LB-01-COMP2-4-9.8'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-01



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-02	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		GROUND ELEVATION: N/A	
DATE			TUBE		DATE STARTED: February 9, 2017	
TIME			6620DT		DATE FINISHED: February 9, 2017	
LEVEL			DIA.		DRILLER: SJB/Empire Geo Serv. Inc.	
TYPE			2"		GEOLOGIST: Kris Charney	
TYPE			WT.		REVIEWED BY:	
FALL						

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid]				100%	brown-black	somewhat loose	0-4' silty SAND with gravel, slag, brick, coal, concrete, tan sand lenses	FILL	0 ppm
5					100%	brown	somewhat loose	4-8' silty SAND with gravel, crushed concrete, slag, coal, brick		0 ppm
	[Hatched]				90%	brown-tan	somewhat loose-firm	8-8.7' sandy GRAVEL, wet; 8.7-9.2' silty CLAY	CL	0 ppm
10								Bedrock Refusal @ 9.2' bgs.		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-02-COMP1-0-4', LB-02-COMP2-4-9.2', LB-02-VOC1-8-8.5'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-02



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-07	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
					GROUND ELEVATION: N/A	
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER
				DIA.		6620DT
				WT.		2"
				FALL		
					DATE STARTED: February 9, 2017	
					DATE FINISHED: February 9, 2017	
					DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	SAMPLE				DESCRIPTION			USCS	REMARKS	
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS			MATERIAL DESCRIPTION
1	[Grid]				50%	grey	hard	0-6" concrete	FILL	0 ppm
						brown-black	somewhat loose	6"-4' sandy SILT, brick, coal wet 1-3' with sheen		32.4 ppm
										17.9 ppm
5	[Grid]				80%	grey-black	loose	4-8' silty SAND, concrete, slag, coal, brick wet and oily appearance 4-5.5'		66.2 ppm
										7.1 ppm
										0 ppm
	[Diagonal]				45%	grey-black	somewhat loose	8-9' sandy GRAVEL, wet	0 ppm	
10						tan	firm	9-9.7' silty CLAY	23.3 ppm	
								CL	3.9 ppm	
							Bedrock Refusal @ 9.7' bgs.			
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-07-COMP1-0-4', LB-07-COMP2-4-9.7', LB-07-VOC1-1-1.5', LB-07-VOC2-4.5-5', LB-07-VOC3-8-8.5'					PROJECT NO.: 15-029-1054	
					BORING NO.: LB-07	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-08		
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1		
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054		
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.		
DATE			LEVEL		CAS.	SAMPLER	GROUND ELEVATION: N/A
TIME			TYPE			TUBE	DATE STARTED: February 10, 2017
			DIA.				DATE FINISHED: February 10, 2017
			WT.				DRILLER: SJB/Empire Geo Serv. Inc.
			FALL				GEOLOGIST: Kris Charney
							REVIEWED BY:

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid Pattern]				60%	grey	hard	0-6" Concrete	FILL	2.5 ppm
						brown	loose	6"-2' silty SAND, brick, tan sand lenses		0.4 ppm
						brown	somewhat loose	2-4' sandy SILT with some clay, moist to wet		0 ppm
5	[Grid Pattern]				95%	brown	loose	4-6' sandy SILT with some clay, moist to wet, concrete, metal, slag	CL	0 ppm
						black-tan	firm	6-8' silty CLAY		2.2 ppm
10	[Diagonal Lines]				35%	tan	firm	8-10.2'silty CLAY, with gravel the last 1'		15.1 ppm
										21.0 ppm
										79.4 ppm
										428 ppm
								Bedrock Refusal @ 10.2' bgs.		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-08-COMP1-0-4', LB-08-COMP2-4-10.2', LB-08-VOC1-9-10'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-08



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-09	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: February 9, 2017	
TUBE					DATE FINISHED: February 9, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DRILLER: SJB/Empire Geo Serv. Inc.	
				DIA.	GEOLOGIST: Kris Charney	
				WT.	REVIEWED BY:	
				FALL		

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS	
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	CAS. COLOR	SAMPLER CONSISTENCY HARDNESS	TUBE MATERIAL DESCRIPTION			
1	[Grid Pattern]				80%	tan-brown	somewhat firm	0-4' silty SAND with gravel, crushed concrete, brick fragments, coals.	FILL	21.9 ppm	
										15.7 ppm	
											18.2 ppm
											13.2 ppm
5	[Diagonal Lines]				45%	brown	somewhat firm	4-6.5' silty SAND with gravel, coal, slag	CL	35.7 ppm	
						tan	firm	6.5-8' silty CLAY		67.8 ppm	
10	[Diagonal Lines]				95%	tan	firm	8-10.7' silty CLAY with some gravel	CL	15.7 ppm	
										0.3 ppm	
										26.7 ppm	
										0 ppm	
										2.2 ppm	
								Bedrock Refusal @ 10.7' bgs.			
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-09-COMP1-0-4', LB-09-COMP2-4-10.7', LB-09-VOC1-3-3.5', and LB-09-VOC2-4.5-5'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-09



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-11		
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1		
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054		
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.		
					GROUND ELEVATION: N/A		
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	TUBE
				DIA.		6620DT	
				WT.		2"	
				FALL			
					DATE STARTED: February 9, 2017		
					DATE FINISHED: February 9, 2017		
					DRILLER: SJB/Empire Geo Serv. Inc.		
					GEOLOGIST: Kris Charney		
					REVIEWED BY:		

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid]				85%	grey	hard	0-4" concrete	FILL	0 ppm
						brown-black	somewhat loose	4"-4' sandy SILT, brick, coal, slag, wood wet 2.5-3.5'		0 ppm
5					100%	tan	somewhat loose	4-7' silty SAND, coal, slag		0 ppm
						tan-brown	firm	7-8' silty CLAY		0 ppm
	[Hatched]				70%	tan-brown	firm	8-9' silty CLAY	CL	0 ppm
10								Bedrock Refusal @ 9' bgs		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-11-COMP1-0-4', LB-11-COMP2-4-9'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-11



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-12		
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1		
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054		
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.		
DATE			LEVEL		CAS.	SAMPLER	GROUND ELEVATION: N/A
TIME			TYPE			TUBE	DATE STARTED: February 9, 2017
			DIA.				DATE FINISHED: February 9, 2017
			WT.				DRILLER: SJB/Empire Geo Serv. Inc.
			FALL				GEOLOGIST: Kris Charney
							REVIEWED BY:

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid]				60%	black	loose	0-4' sandy SILT, concrete, brick wet 2-4'	FILL	0 ppm
										32.6 ppm
5	[Grid]				80%	brown-black	somewhat loose	4-8' sandy SILT, crushed brick/concrete	FILL	0 ppm
										26.8 ppm
	[Hatched]				25%	brown-tan	loose to firm	8-8.7' sandy SILT, brick and coal fragments; 8.7-9' silty CLAY	CL	0 ppm
10								Bedrock Refusal @ 9' bgs		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-12-COMP1-0-4', LB-12-COMP2-4-9' and MS/MSD, LB-12-VOC1-1-1.5, LB-12-VOC2-1.5-2'(duplicate), and LB-12-VOC3-4-4.5'					PROJECT NO.: 15-029-1054	
					BORING NO.: LB-12	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-13	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: February 9, 2017	
TUBE					DATE FINISHED: February 9, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DRILLER: SJB/Empire Geo Serv. Inc.	
				DIA.	GEOLOGIST: Kris Charney	
				WT.	REVIEWED BY:	
				FALL		

DEPTH FEET	STRATA	SAMPLE			DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	CAS.	CONSISTENCY	MATERIAL DESCRIPTION		
1	[Grid Pattern]				85%	grey	hard		0-6" Concrete
						brown	loose		6"-4' sandy SILT, crushed yellow brick/concrete, slag, coal, brick, wood
5					65%	brown	loose		4-8' sandy SILT, crushed yellow brick/concrete, slag, coal, brick, wood
	[Diagonal Lines]				35%	brown	somewhat loose		8-8.8' sandy SILT, crushed yellow brick/concrete, slag, coal, brick, wood
10						tan	firm		8.8-9.8' silty CLAY
									Bedrock Refusal @ 9.8' bgs.
15									
20									
25									
30									
35									

COMMENTS: Samples obtained: LB-13-COMP1-0-4', LB-13-COMP2-4-9.8', LB-13-COMP3-10-15 (duplicate), LB-13-VOC1-3-3.5', and LB-13-VOC2-5-5.5'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-13



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-14		
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1		
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054		
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.		
DATE			LEVEL		CAS.	SAMPLER	GROUND ELEVATION: N/A
TIME			TYPE			TUBE	DATE STARTED: February 9, 2017
			DIA.				DATE FINISHED: February 9, 2017
			WT.				DRILLER: SJB/Empire Geo Serv. Inc.
			FALL				GEOLOGIST: Kris Charney
					REVIEWED BY:		

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	CAS. COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid]				85%	brown-black	loose	0-4' silty SAND, some gravel, slag, coal, brick	FILL	0.0 ppm
5					95%	black black to brown	somewhat loose firm	4-8' gravelly SAND with silt, crushed yellow brick, concrete and slag pieces		53.6 ppm
10					60%	black tan	firm very firm	8-10' gravelly SAND with silt, crushed yellow brick, concrete and slag pieces 10-10.5' silty CLAY		0.0 ppm
									CL	2.1 ppm
								Bedrock Refusal @ 10.5' bgs.		4.9 ppm
15										2.9 ppm
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-14-COMP1-0-4', LB-14-COMP2-4-10.5', LB-14-VOC1-3.5-4', LB-15-VOC2-5-5.5', and LB-14-VOC3-10-10.5'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-14



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-16	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
					GROUND ELEVATION: N/A	
DATE	TIME	LEVEL	TYPE	TYPE	6620DT	DATE STARTED: February 13, 2017
				DIA.	2"	DATE FINISHED: February 13, 2017
				WT.		DRILLER: SJB/Empire Geo Serv. Inc.
				FALL		GEOLOGIST: Kris Charney
					REVIEWED BY:	

DEPTH FEET	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION		USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"				MATERIAL DESCRIPTION			
1					100%	grey-tan	loose to firm	0-3" gravelly SAND; 3"-2' silty CLAY with some gravel	CL	16.9 ppm 24.4 ppm	
5								Bedrock Refusal @ 2' bgs.			
10											
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-16-COMP1-0-2'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-16



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-17		
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1		
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054		
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.		
					GROUND ELEVATION: N/A		
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	TUBE
				DIA.		6620DT	
				WT.		2"	
				FALL			
					DATE STARTED: February 13, 2017		
					DATE FINISHED: February 13, 2017		
					DRILLER: SJB/Empire Geo Serv. Inc.		
					GEOLOGIST: Kris Charney		
					REVIEWED BY:		

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Diagonal Hatching]				85%	black	loose	0-1' sandy GRAVEL, wet, coal, brick,	FILL	0 ppm
				black-tan		somewhat firm	1-2' clayey SILT with gravel, coal, brick	0 ppm		
				tan		firm	2-4' silty CLAY	CL	0 ppm	
5					65%	tan	firm		4-5.4' silty CLAY	0 ppm
							Bedrock Refusal @ 5.4' bgs.			
10										
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-17-COMP1-1-3'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-17



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-18	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		GROUND ELEVATION: N/A	
DATE			TIME		DATE STARTED: February 10, 2017	
LEVEL			TYPE		DATE FINISHED: February 10, 2017	
			DIA.		DRILLER: SJB/Empire Geo Serv. Inc.	
			WT.		GEOLOGIST: Kris Charney	
			FALL		REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid Pattern]				50%	grey	hard	0-8" concrete	FILL	144 ppm
						brown	somewhat firm	8-4' medium SAND		44.9 ppm
5	[Diagonal Lines]				70%	brown-black	somewhat firm	4-5' sandy GRAVEL, crushed concrete, brick	CL	0 ppm
						tan-brown	firm	5-8' silty CLAY		0 ppm
10					35%	tan	firm	8-9.2' silty CLAY		0 ppm
								Bedrock Refusal @ 9.2' bgs.		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-18-COMP1-0-4', LB-18-VOC1-0-2'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-18



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-19	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
					GROUND ELEVATION: N/A	
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER
				DIA.		6620DT
				WT.		2"
				FALL		
					DATE STARTED: February 13, 2017	
					DATE FINISHED: February 13, 2017	
					DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION		USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	MATERIAL DESCRIPTION							
1	[Grid Pattern]				75%	black	somewhat loose	0-2' gravelly SILT with sand, coal, brick,		FILL	1.2 ppm	
						tan	somewhat firm	2-4' silty CLAY, wet			2.4 ppm	
5		[Diagonal Lines]				65%	tan	firm	4-5.4' silty CLAY, slight petroleum odor		CL	8.0 ppm
												0 ppm
								Bedrock Refusal @ 5.4' bgs.			9.1 ppm	
											7.2 ppm	
10												
15												
20												
25												
30												
35												

COMMENTS: Samples obtained: LB-19-COMP1-0-4', LB-19-COMP2-5.4-7' (Duplicate)	PROJECT NO.: 15-029-1054
	BORING NO.: LB-19



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-20	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		TUBE	
DATE			LEVEL		GROUND ELEVATION: N/A	
TIME			TYPE		DATE STARTED: February 13, 2017	
			DIA.		DATE FINISHED: February 13, 2017	
			WT.		DRILLER: SJB/Empire Geo Serv. Inc.	
			FALL		GEOLOGIST: Kris Charney	
REVIEWED BY:						

DEPTH FEET	STRATA	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"							
1	[Grid Pattern]					50%	brown	somewhat firm	0-2' sandy SILT with gravel and cobbles	FILL	98.8 ppm
							tan	firm	2-4' silty CLAY		20.4 ppm
5		[Diagonal Lines]					90%	tan	firm	4-7.2' silty CLAY	CL
										0 ppm	
										0 ppm	
											0 ppm
10									Bedrock Refusal @ 7.2' bgs.		
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-20-COMP1-0-4'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-20



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-21	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		TUBE	
DATE			TIME		GROUND ELEVATION: N/A	
LEVEL			TYPE		DATE STARTED: February 13, 2017	
			DIA.		DATE FINISHED: February 13, 2017	
			WT.		DRILLER: SJB/Empire Geo Serv. Inc.	
			FALL		GEOLOGIST: Kris Charney	
REVIEWED BY:						

DEPTH FEET	SAMPLE				DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS		
1	[Grid Pattern]				40%	brown-black	somewhat firm	FILL	2.2 ppm
									1.1 ppm
5	[Diagonal Lines]				55%	brown-black	somewhat firm	FILL	0 ppm
									0 ppm
						tan	firm	CL	0.7 ppm
							5.5-7.4' silty CLAY with gravel		0 ppm
							Bedrock Refusal @ 7.4' bgs.		
10									
15									
20									
25									
30									
35									

COMMENTS: Samples obtained: LB-21-COMP1-0-4'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-21



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-22		
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1		
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054		
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.		
					GROUND ELEVATION: N/A		
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	TUBE
				DIA.		6620DT	
				WT.		2"	
				FALL			
					DATE STARTED: February 13, 2017		
					DATE FINISHED: February 13, 2017		
					DRILLER: SJB/Empire Geo Serv. Inc.		
					GEOLOGIST: Kris Charney		
					REVIEWED BY:		

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS	
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1	[Grid Pattern]				50%	black	somewhat loose	0-3' sandy GRAVEL, slag, coal	FILL	0 ppm	
											0 ppm
	[Diagonal Lines]				65%	tan	firm	3-4' silty CLAY		CL	0 ppm
5											20.4 ppm
									12.1 ppm		
											0 ppm
10								Bedrock Refusal @ 8.2' bgs.			
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-22-COMP1-0-4', LB-22-VOC1-4-6'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-22



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-23	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
					GROUND ELEVATION: N/A	
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER
				DIA.		6620DT
				WT.		2"
				FALL		
					DATE STARTED: February 13, 2017	
					DATE FINISHED: February 13, 2017	
					DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION		USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	MATERIAL DESCRIPTION							
1	[Grid Pattern]					50%	black	somewhat loose	0-1.5' sandy GRAVEL, slag,	FILL	3.1 ppm	
							tan	firm	1.5-4' silty CLAY with gravel		33.8 ppm	
5		[Diagonal Lines]					100%	tan	firm	4-8' silty CLAY with gravel	CL	0 ppm
											0 ppm	
							100%	tan	very firm	8-8.7' silty CLAY with gravel		0 ppm
10									Bedrock Refusal @ 8.7' bgs.			
15												
20												
25												
30												
35												

COMMENTS: Samples obtained: LB-23-COMP1-0-4'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-23



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-24			
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1			
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054			
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.			
					GROUND ELEVATION: N/A			
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	TUBE	DATE STARTED: February 13, 2017
				DIA.		HSA		DATE FINISHED: February 13, 2017
				WT.		6 1/4"	2" sampler	DRILLER: SJB/Empire Geo Serv. Inc.
				FALL				GEOLOGIST: Kris Charney
								REVIEWED BY:

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid Pattern]				75%	black	somewhat loose	0-3' sandy GRAVEL, slag, coal, asphalt, crushed concrete, fine sand lenses	FILL	0 ppm
						black-tan	firm	3-4' silty CLAY		0 ppm
5	[Diagonal Lines]				95%	tan	firm	4-8' silty CLAY	CL	0 ppm
										0 ppm
10								Bedrock Refusal @ 8.2' bgs.		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-24-COMP1-1-3'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-24



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-25	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		TUBE	
GROUND ELEVATION: N/A			HSA		DATE STARTED: February 15, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DATE FINISHED: February 15, 2017	
				DIA.	DRILLER: SJB/Empire Geo Serv. Inc.	
				WT.	GEOLOGIST: Kris Charney	
				FALL	REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1					100%	black-grey brown	loose firm	0-6" asphalt, crushed stone silty CLAY	FILL CL	0 ppm 0 ppm
5								Bedrock Refusal @ 2.4' bgs.		
10										
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-25-COMP1-0-2.4'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-25



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-26		
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1		
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054		
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.		
					GROUND ELEVATION: N/A		
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	TUBE
				DIA.		6620DT	
				WT.		2"	
				FALL			
					DATE STARTED: February 9, 2017		
					DATE FINISHED: February 9, 2017		
					DRILLER: SJB/Empire Geo Serv. Inc.		
					GEOLOGIST: Kris Charney		
					REVIEWED BY:		

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid Pattern]				80%	brown	somewhat loose	0-4" grass/sandy LOAM	FILL	0 ppm
						tan-black	loose	4"-4' silty SAND with sandy gravel, brick, concrete moist at 3'		4.1 ppm
5					70%	brown	somewhat loose	4-7' silty SAND, crushed concrete, slag, coal, large red brick piece, petroleum odor		2.4 ppm
						tan	firm	7-7.8' silty CLAY		1.6 ppm
10							Bedrock Refusal @ 7.8' bgs.	CL	6.8 ppm	
15									68.4 ppm	
20									16.8 ppm	
25									34.3 ppm	
30										
35										

COMMENTS: Samples obtained: LB-26-COMP1-0-4', LB-26-COMP2-4-7.8', LB-26-VOC1-1.3-1.8', LB-26-VOC2-4.5-5'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-26



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-27	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		TUBE	
DATE			LEVEL		GROUND ELEVATION: N/A	
TIME			TYPE		DATE STARTED: February 9, 2017	
			DIA.		DATE FINISHED: February 9, 2017	
			WT.		DRILLER: SJB/Empire Geo Serv. Inc.	
			FALL		GEOLOGIST: Kris Charney	
REVIEWED BY:						

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS	
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1	[Grid]				75%	brown-black	somewhat loose	0-4' silty SAND, some gravel, slag, coal, wood, concrete	FILL	0.5 ppm	
										9.3 ppm	
										1.0 ppm	
										0.9 ppm	
5						95%	black	somewhat loose		4-8' gravelly SAND with silt, wood, concrete, slag	12.2 ppm
											33.5 ppm
											0 ppm
											0 ppm
10						55%	black	firm		8-10.3' gravelly SAND with silt, wet, sheen	27.7 ppm
											0 ppm
											0 ppm
15										Bedrock Refusal @ 10.3' bgs.	
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-27-COMP1-0-4', LB-27-COMP2-4-10.3', LB-27-VOC1-5.5-6'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-27



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-28	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
DATE			LEVEL	TYPE	CAS.	SAMPLER
TIME						TUBE
						GROUND ELEVATION: N/A
				DIA.	6620DT	DATE STARTED: February 9, 2017
				WT.	2"	DATE FINISHED: February 9, 2017
				FALL		DRILLER: SJB/Empire Geo Serv. Inc.
						GEOLOGIST: Kris Charney
						REVIEWED BY:

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS	
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1	[Grid Pattern]				65%	brown-tan	somewhat loose	0-2' silty SAND, coal, concrete, fine sand lense around 2'	FILL	0 ppm	
						tan-brown	somewhat firm	2-4' clayey SILT, glass, coal, red brick fragments		0 ppm	
5		[Diagonal Lines]				70%	reddish brown	somewhat firm		4-5.2' clayey SILT, coal, slag	0 ppm
							tan	firm		5.2-8' silty CLAY	2.1 ppm
10	[Dotted Pattern]					55%	tan	firm	8-9.5' silty CLAY	0 ppm	
					tan-grey		somewhat loose	9.5-10 silty SAND	0 ppm		
					grey		loose	10-11' GRAVEL, black oily sheen	0 ppm		
							Bedrock Refusal @ 11' bgs.				
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-28-COMP1-0-4', LB-28-COMP2-4-11', LB-28-VOC1-10.5-11'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-28



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-29	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		TUBE	
DATE			LEVEL		TYPE	
TIME			TYPE		GROUND ELEVATION: N/A	
DATE			DIA.		DATE STARTED: February 10, 2017	
TIME			WT.		DATE FINISHED: February 10, 2017	
DATE			FALL		DRILLER: SJB/Empire Geo Serv. Inc.	
REVIEWED BY:					GEOLOGIST: Kris Charney	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	CAS. COLOR	SAMPLER HARDNESS	TUBE MATERIAL DESCRIPTION		
1	[Grid Pattern]				95%	tan-white-brown-black	somewhat firm	0-4' sandy GRAVEL, white sand lenses, brick, crushed concrete, wet last 6"	FILL	0 ppm
5					100%	brown-black	somewhat firm	4-6' sandy GRAVEL, crushed concrete, brick		0 ppm
	[Diagonal Lines]					tan	firm	6-8' silty CLAY	CL	0 ppm
10					35%	tan	firm	8-9.3' silty CLAY		0 ppm
								Bedrock Refusal @ 9.3' bgs.		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-29-COMP1-0-4', LB-29-COMP2-4-9.3'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-29

LiRo Engineers, Inc.

TEST BORING LOG

PROJECT: RI Western New York Workforce Training Center
CLIENT: BUDC
BORING CONTRACTOR: SJB Services, Inc.

BORING NO.: LB-31
SHEET: 1 of 1
JOB NO.: 15-029-1054
LOCATION: As per plan
GROUND ELEVATION: 643.97
DATE STARTED: June 7, 2017
DATE FINISHED: June 7, 2017
DRILLER: Randy Steiner
GEOLOGIST: Jon Williams
REVIEWED BY:

GROUNDWATER: NA
CAS.
SAMPLER 4' long Macros
TUBE

DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	TUBE
			NA	DIA.	1"		
				WT.	NA		
				FALL	NA		

DEPTH FEET	SAMPLE					DESCRIPTION				USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1					63%	Dark Brown	Loose	Mixed Fill, med. Sand and Gravel, somered brick fragments, dry	FILL	PID = 0.0 ppm	
						Blue Gray				PID = 0.9 ppm	
5					92%					PID = 0 ppm	
						Red Brown	Stiff	Native Clay with some silt, moist	CL	PID = 0 ppm	
										PID = 0 ppm	
10					100%					PID = 0 ppm	
								End of boring at 11.0 ftbg		PID = 0 ppm	
15											
20											
25											
30											
35											

COMMENTS: PROJECT NO.: 15-029-1054
 Sample LB-31-COMP1 MS/MSD (0 - 4') collected for PCBs, Pesticides, and TAL Metals BORING NO.: LB-31
 Sample LB-31-COMP2 (4 - 11') collected for PCBs
 Soil classified according to the Unified Soil Classification System (USCS)

LiRo Engineers, Inc.

TEST BORING LOG

PROJECT: RI Western New York Workforce Training Center
CLIENT: BUDC
BORING CONTRACTOR: SJB Services, Inc.

BORING NO.: LB-32
SHEET: 1 of 1
JOB NO.: 15-029-1054
LOCATION: As per plan
GROUND ELEVATION: 640.57
DATE STARTED: June 7, 2017
DATE FINISHED: June 7, 2017
DRILLER: Randy Steiner
GEOLOGIST: Jon Williams
REVIEWED BY:

GROUNDWATER: NA
CAS.
SAMPLER 4' long Macros
TUBE

DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	TUBE
			NA	DIA.	1"		
				WT.	NA		
				FALL	NA		

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1						Dark Brown	Loose	Fill, med. Sand, some gravel and slag	FILL	PID = 0 ppm
					96%	Red Brown	Stiff	Native Clay with some silt, dry to moist	CL	PID = 0 ppm
5					100%					PID = 0 ppm
								End of boring at 5.8 ftbg		
10										
15										
20										
25										
30										
35										

COMMENTS:
 Sample LB-32-COMP1 (0 - 4') collected for SVOCs, PCBs, Pesticides, and TAL Metals
 Sample LB-32-COMP2 (4 - 5.8') collected for SVOCs, PCBs, Pesticides, and TAL Metals
 Soil classified according to the Unified Soil Classification System (USCS)

PROJECT NO.: 15-029-1054
BORING NO.: LB-32

LiRo Engineers, Inc.

TEST BORING LOG

PROJECT: RI Western New York Workforce Training Center
 CLIENT: BUDC
 BORING CONTRACTOR: SJB Services, Inc.

BORING NO: LB-33
 SHEET: 1 of 1
 JOB NO.: 15-029-1054
 LOCATION: As per plan
 GROUND ELEVATION: 640.69
 DATE STARTED: June 7, 2017
 DATE FINISHED: June 7, 2017
 DRILLER: Randy Steiner
 GEOLOGIST: Jon Williams
 REVIEWED BY:

DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	TUBE
			NA	DIA.	1"		4' long Macros
				WT.	NA		
				FALL	NA		

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1					96%	Dark Brown	Loose	Fill, med. Sand, some gravel and slag	FILL	PID = 0.1 ppm PID = 4.6 ppm
5					96%	Red Brown	Stiff	Native Silt with some clay, dry to moist	ML	PID = 0 ppm PID = 0 ppm
10								End of boring at 6.7 ftbg		
15										
20										
25										
30										
35										

COMMENTS: Sample LB-33-COMP1 (0 - 4') collected for SVOCs, PCBs, Pesticides, and TAL Metals
 Sample LB-33-COMP2 (4 - 6.7') collected for SVOCs, PCBs, Pesticides, and TAL Metals
 Soil classified according to the Unified Soil Classification System (USCS)

PROJECT NO.: 15-029-1054
 BORING NO.: LB-33

LiRo Engineers, Inc.

TEST BORING LOG

PROJECT: RI Western New York Workforce Training Center

BORING NO: LB-35

CLIENT: BUDC

SHEET: 1 of 1

BORING CONTRACTOR: SJB Services, Inc.

JOB NO.: 15-029-1054

GROUNDWATER: NA

LOCATION: As per plan

DATE	TIME	LEVEL	TYPE	CAS.	SAMPLER	TUBE
			NA	1"	4' long Macros	
			WT.	NA		
			FALL	NA		

GROUND ELEVATION: 643.97

DATE STARTED: June 7, 2017

DATE FINISHED: June 7, 2017

DRILLER: Randy Steiner

GEOLOGIST: Jon Williams

REVIEWED BY:

DEPTH FEET	SAMPLE				DESCRIPTION				USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1					38%	Gray and Black	M. Dense	Mixed Fill, fine to med. Sand, some silt, little gravel and slag, moist	FILL	PID = 1.4 ppm PID = 1.7 ppm PID = 0.3 ppm PID = 0 ppm
5					38%	Gray and Red Brown	Stiff	Native Clay with some silt, moist	CL	PID = 0 ppm
					100%	Gray		Native Silt with some clay, little f. sand	ML	PID = 0 ppm
10								End of boring at 9.0 ftbg		
15										
20										
25										
30										
35										

COMMENTS:
 Samples LB-35-COMP1 (0 - 4') and LB-35-COMP2 (0 - 4') [Duplicate] collected for PCBs
 Sample LB-35-COMP3 (4 - 9') collected for PCBs
 Soil classified according to the Unified Soil Classification System (USCS)

PROJECT NO.: 15-029-1054
 BORING NO.: LB-35

LiRo Engineers, Inc.

TEST BORING LOG

PROJECT: RI Western New York Workforce Training Center						BORING NO.: LB-36	
CLIENT: BUDC						SHEET: 1 of 1	
BORING CONTRACTOR: SJB Services, Inc.						JOB NO.: 15-029-1054	
GROUNDWATER: NA						LOCATION: As per plan	
				CAS.	SAMPLER	TUBE	GROUND ELEVATION: 643.74
DATE	TIME	LEVEL	TYPE	TYPE			DATE STARTED: June 7, 2017
			NA	DIA.	1"	4' long Macros	DATE FINISHED: June 7, 2017
				WT.	NA		DRILLER: Randy Steiner
				FALL	NA		GEOLOGIST: Jon Williams
						REVIEWED BY:	

DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1					73%	Black and Red Brown	Loose to Firm	Mixed Fill, fine to med. Sand, some gravel and clay, dry to moist	FILL	PID = 1.7 ppm PID = 1.2 ppm PID = 0 ppm
5					83%					PID = 0 ppm
10						100%	Red Brown	Stiff	Native Silt, some clay, little to trace f. - m. sand, moist	ML
15								End of boring at 11.8 ftbg		PID = 0 ppm
20										
25										
30										
35										

COMMENTS:	PROJECT NO.: 15-029-1054
Sample LB-36-COMP1 (0 - 4') collected for PCBs	BORING NO.: LB-36
Sample LB-36-COMP2 (4 - 11') collected for PCBs	
Soil classified according to the Unified Soil Classification System (USCS)	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT: RI Western New York Workforce Training Center					BORING NO: LB-37	
CLIENT: BUDC					SHEET: 1 of 1	
BORING CONTRACTOR: SJB Services, Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: NA					LOCATION: As per plan	
					GROUND ELEVATION: 644.12	
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER TUBE
			NA	DIA.	1"	4' long Macros
				WT.	NA	
			FALL		NA	
					DATE STARTED: June 7, 2017	
					DATE FINISHED: June 7, 2017	
					DRILLER: Randy Steiner	
					GEOLOGIST: Jon Williams	
					REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid Pattern]				76%	Black	Loose	Mixed Fill, fine to med. Sand, some gravel and slag, dry	FILL	PID = 1.8 ppm
5					94%					
										PID = 0 ppm
										PID = 0 ppm
10	[Diagonal Hatching]				91%	Red Brown	Stiff	Native Clay with some silt, moist	CL	PID = 0 ppm
						Gray	Dense	Native Gravel, some f.-m. sand and silt	GP	PID = 1.5 ppm
								End of boring at 10.2 ftbg		
15	[Dotted Pattern]									
20										
25										
30										
35										

COMMENTS:					PROJECT NO.: 15-029-1054	
Sample LB-37-COMP1 (0 - 4') collected for PCBs					BORING NO.: LB-37	
Sample LB-37-COMP2 (4 - 11.3') collected for PCBs						
Soil classified according to the Unified Soil Classification System (USCS)						



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT: RI Western New York Workforce Training Center					BORING NO: LB-38	
CLIENT: BUDC					SHEET: 1 of 1	
BORING CONTRACTOR: SJB Services, Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: NA					LOCATION: As per plan	
			CAS.	SAMPLER	TUBE	GROUND ELEVATION: 642.54
DATE	TIME	LEVEL	TYPE	TYPE		DATE STARTED: June 7, 2017
			NA	DIA.	1"	DATE FINISHED: June 7, 2017
				WT.	NA	DRILLER: Randy Steiner
			FALL	NA		GEOLOGIST: Jon Williams
						REVIEWED BY:

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1					54%	Dark Brown	M. Dense	Mixed Fill, fine to med. Sand, some silt, little gravel and wood fragments, moist	FILL	PID = 0.9 ppm
5					31%	Dark Brown	M. Dense	Same as above with some red brick fragments		PID = 1.1 ppm
					100%	Brown	Stiff	Native Clay with some silt, moist		CL
10								End of boring at 8.7 ftbg		PID = 0.1 ppm
15										
20										
25										
30										
35										

COMMENTS:	PROJECT NO.: 15-029-1054
Sample LB-29-COMP1 (0 - 4') collected for SVOCs, PCBs, Pesticides, and TAL metals	BORING NO.: LB-38
Sample LB-29-COMP2 (4 - 8.7') collected for SVOCs, PCBs, Pesticides, and TAL metals	
Soil classified according to the Unified Soil Classification System (USCS)	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-39	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: August 15, 2017	
TUBE					DATE FINISHED: August 15, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DRILLER: SJB/Empire Geo Serv. Inc.	
				DIA.	GEOLOGIST: Kris Charney	
				WT.	REVIEWED BY:	
				FALL		

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS	
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1	[Grid Pattern]				40%	black, brown, grey	somewhat loose	0-7' crushed concrete, crushed stone, pockets of medium to fine sand, crushed red brick, sandy GRAVEL with silt and a trace of clay (wet from 3.5-7', sheen observed)	FILL	0.0 ppm	
											0.0 ppm
										0.0 ppm	
5					90%					9.4 ppm	
										18.1 ppm	
	[Diagonal Lines]				75%	tan/brownish red	firm	7-10.5' silty CLAY, wet	CL	22.3 ppm	
											10.9 ppm
10											3.8 ppm
							6.3 ppm			5.2 ppm	
										0.0 ppm	
								Bedrock Refusal @ 10.5' bgs.			
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-39-0-4', LB-39-4-10.5'	PROJECT NO.: 15-029-1054
Petrol odor	BORING NO.: LB-39



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-40	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: August 15, 2017	
TUBE					DATE FINISHED: August 15, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DRILLER: SJB/Empire Geo Serv. Inc.	
				DIA.	GEOLOGIST: Kris Charney	
				WT.	REVIEWED BY:	
				FALL		

DEPTH FEET	SAMPLE				DESCRIPTION			USCS	REMARKS	
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS			MATERIAL DESCRIPTION
1	[Grid]				55%	dark brown, tan-brownish red	somewhat firm	0-7.75' crushed concrete, crushed stone, gravely SAND, red and yellow brick, coal, slag, ash (wet 5- 7.75, sheen observed); 7.75-8' clayey SILT	FILL	1.5 ppm
										11.7 ppm
5	[Grid]				85%					110 ppm
										57.1 ppm
										1228 ppm
10	[Hatched]				80%	tan-brownish red	firm	8-10' clayey SILT (wet, sheen observed)	CL	60.8 ppm
										11.0 ppm
										0.0 ppm
										0.0 ppm
15								Bedrock Refusal @ 10' bgs.		
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-40-0-4', LB-40-4-10', LB-40-5.5-6.5 (VOC)	PROJECT NO.: 15-029-1054
Very strong petrol odor	BORING NO.: LB-40



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-41	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		TUBE	
DATE			LEVEL		TYPE	
TIME			TYPE		GROUND ELEVATION: N/A	
DATE			DIA.		DATE STARTED: August 15, 2017	
TIME			WT.		DATE FINISHED: August 15, 2017	
DATE			FALL		DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION		USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	MATERIAL DESCRIPTION							
1	[Grid Pattern]				60%	tan-brown	somewhat firm	0-2'	concrete, crushed stone, clayey SILT	FILL	9.1 ppm	
						brown-black	somewhat firm	2-4'	sandy SILT with some clay, glass, pebbles, rock		314 ppm	
											50.4 ppm	
											60.9 ppm	
5					70%	brown-black	somewhat firm	4-6'	wet gravel with some sand		3.0 ppm	
											1.2 ppm	
											44.8 ppm	
											46.1 ppm	
											36 ppm	
10					60%	brown-black / brown	firm	8-10'	sandy SILT with some clay, red brick		51.3 ppm	
								10-11.3' silty CLAY with fractured/weathered bedrock	CL	5.3 ppm		
								Bedrock Refusal @ 11.3' bgs.				
15												
20												
25												
30												
35												

COMMENTS: Samples obtained: LB-41-0-4', LB-41-4-11.3', and LB-41-11.3-15' (dup)					PROJECT NO.: 15-029-1054	
Petrol odor					BORING NO.: LB-41	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-43	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: August 15, 2017	
TUBE					DATE FINISHED: August 15, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DRILLER: SJB/Empire Geo Serv. Inc.	
				DIA.	GEOLOGIST: Kris Charney	
				WT.	REVIEWED BY:	
				FALL		

DEPTH FEET	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION		USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"				MATERIAL DESCRIPTION			
1	[Grid Pattern]				55%	dark brown to black to grey to tan	somewhat firm	0-7.75' crushed concrete, crushed stone, sandy GRAVEL, glass, coal fragments; 7.75-8' clayey SILT	FILL	36.2 ppm	
										127 ppm	
							1.3 ppm				
							0.4 ppm				
5					100%		0.0 ppm				
							0.2 ppm				
	[Diagonal Hatching]				60%	tan	firm	8-10' clayey SILT	CL	0.4 ppm	
10									0.0 ppm		
										0.0 ppm	
15								Bedrock Refusal @ 10' bgs.			
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-43-0-4', LB-43-4-10', MS/MSD collected at LB-43-4-10'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-43



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-44	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
					GROUND ELEVATION: N/A	
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER
				DIA.		6620DT
				WT.		2"
			FALL			
					DATE STARTED: August 15, 2017	
					DATE FINISHED: August 15, 2017	
					DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION MATERIAL DESCRIPTION	USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"						
1					65%	grey	hard	0-2' concrete, crushed stone, SAND	FILL	17.9 ppm
						brown, tan-grey	somewhat firm	2-3.5' clayey SILT with sand, gravel, moist; 3.5-4' silty CLAY, coal fragments		22.5 ppm
					80%	dark brown and black, brown	firm to loose	4-7.5' silty CLAY, crushed stone, yellow and red brick, sandy gravel; 7.5-8' silty SAND with some clay, red brick		31.4 ppm
5										39.5 ppm
					25%	black	loose	8-9' silty SAND with gravel, red brick	1.5 ppm	
						tan	firm	9-10' clayey SILT	19.5 ppm	
10									CL	18.6 ppm
										9.1 ppm
										2.1 ppm
										0.1 ppm
								Bedrock Refusal @ 10' bgs.		
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-44-0-4', LB-44-4-10'	PROJECT NO.: 15-029-1054
Petrol odor	BORING NO.: LB-44



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-45	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: August 15, 2017	
TUBE					DATE FINISHED: August 15, 2017	
DATE					DRILLER: SJB/Empire Geo Serv. Inc.	
TIME					GEOLOGIST: Kris Charney	
LEVEL					REVIEWED BY:	
TYPE						
TYPE						
DIA.						
WT.						
FALL						

DEPTH FEET	SAMPLE				DESCRIPTION			USCS	REMARKS		
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS			MATERIAL DESCRIPTION	
1	[Grid Pattern]				70%	grey, dark brown, tan-brownish red	somewhat firm	0-8' crushed concrete, crushed stone, gravel, coarse sand, clayey SILT with sand, red and yellow brick, coal, (wet 3.5-4')	FILL		
5					80%						
10		[Diagonal Pattern]			50%	tan-brownish red	soft			8-10' silty CLAY (wet, sheen observed)	CL
										Bedrock Refusal @ 10' bgs.	
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LB-45-0-4', LB-45-4-10'					PROJECT NO.: 15-029-1054	
Very strong petrol odor					BORING NO.: LB-45	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-46	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
					GROUND ELEVATION: N/A	
DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER
				DIA.		6620DT
				WT.		2"
				FALL		
					DATE STARTED: August 15, 2017	
					DATE FINISHED: August 15, 2017	
					DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid]				50%	black-brown	somewhat firm	0-3' concrete, crushed stone, sandy SILT with some clay, slag, red brick	FILL	10.0 ppm
										60.0 ppm
										57.9 ppm
										56.7 ppm
5					50%	dark brown	somewhat firm	3-5' clayey SILT with sand, red brick		27.3 ppm
										60.4 ppm
										78.4 ppm
										5.3 ppm
										0.0 ppm
10					25%	black-tan	loose	8-11.5' moist/damp sandy SILT, red brick, metal		0.0 ppm
								0.0 ppm		
							Bedrock Refusal @ 11.5' bgs.			
15										
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-46-0-4', LB-46-4-11.5'	PROJECT NO.: 15-029-1054
Petrol odor	BORING NO.: LB-46



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-47	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
					GROUND ELEVATION: N/A	
DATE	TIME	LEVEL	TYPE	TYPE	SAMPLER	TUBE
				DIA.	6620DT	
				WT.	2"	
			FALL			
					DATE STARTED: August 15, 2017	
					DATE FINISHED: August 15, 2017	
					DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	SAMPLE				DESCRIPTION			USCS	REMARKS
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS		
1	[Grid]				60%	dark brown to black	somewhat firm	0-8' crushed concrete, crushed stone, clayey SILT, sand, gravel, coal and brick fragments	FILL
5					100%				
10	[Hatched]				50%	tan	firm	8-10' silty CLAY	CL
								Bedrock Refusal @ 10' bgs.	
15									
20									
25									
30									
35									

COMMENTS: Samples obtained: LB-47-0-4', LB-47-4-10'	PROJECT NO.: 15-029-1054
	BORING NO.: LB-47



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-48	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: August 15, 2017	
TUBE					DATE FINISHED: August 15, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DRILLER: SJB/Empire Geo Serv. Inc.	
				DIA.	GEOLOGIST: Kris Charney	
				WT.	REVIEWED BY:	
				FALL		

DEPTH FEET	STRATA	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION		USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	MATERIAL DESCRIPTION							
1	[Grid Pattern]				75%	black-brown, tan/brownish red	somewhat loose to firm	0-7.5' crushed concrete, crushed stone, sandy GRAVEL, slag, red brick, ash, coal, (oily from 3.5-7.5'); 7.5-8' silty CLAY	FILL	3.4 ppm		
										0.0 ppm		
							1.1 ppm					
5					100%		3.0 ppm					
							4.0 ppm					
	[Diagonal Lines]				100%	tan/brownish red	firm	8-10' silty CLAY; 10-10.8' sandy SILT with clay	CL	2.8 ppm		
										0.4 ppm		
10										0.0 ppm		
										0.0 ppm		
								Bedrock Refusal @ 10.8' bgs.		0.0 ppm		
15												
20												
25												
30												
35												

COMMENTS: Samples obtained: LB-48-0-4', LB-48-4-10.8'	PROJECT NO.: 15-029-1054
Petrol odor	BORING NO.: LB-48



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LB-49	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: August 15, 2017	
TUBE					DATE FINISHED: August 15, 2017	
DATE					DRILLER: SJB/Empire Geo Serv. Inc.	
TIME					GEOLOGIST: Kris Charney	
LEVEL					REVIEWED BY:	
TYPE						
TYPE						
DIA.						
WT.						
FALL						

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION		
1	[Grid Pattern]				75%	black-brown	somewhat loose	0-7' crushed concrete, crushed stone, sandy SILT with gravel, coal and red brick fragments (wet from 4-7', wood at 7')	FILL	6.3 ppm
							1.1 ppm			
										12.7 ppm
										22.2 ppm
										4.3 ppm
5					90%					10.2 ppm
										11.7 ppm
										8.1 ppm
10	[Diagonal Pattern]				80%	tan/brownish red	firm	7-10.5' silty CLAY	CL	0.0 ppm
										0.0 ppm
										0.0 ppm
15								Bedrock Refusal @ 10.5' bgs.		
20										
25										
30										
35										

COMMENTS: Samples obtained: LB-49-0-4', LB-49-4-10.5'					PROJECT NO.: 15-029-1054	
Petrol odor					BORING NO.: LB-49	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LW-01	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		TUBE	
DATE			LEVEL		TYPE	
TIME			TYPE		GROUND ELEVATION: N/A	
			DIA.		DATE STARTED: February 16, 2017	
			WT.		DATE FINISHED: February 16, 2017	
			FALL		DRILLER: SJB/Empire Geo Serv. Inc.	
					GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS	
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1	[Grid pattern]			N/A	N/A	25%	black-grey, brown	somewhat loose	0-1' asphalt, concrete; 1-2' gravelly SAND, crushed stone, coal	FILL	2.9 ppm
				10	14						32.3 ppm
				14	10	65%	black	loose	2-4' gravelly SAND, small brick and coal fragments, petroleum odor		3.4 ppm
5				9	10	60%	black-brown	somewhat loose	4-6' sandy SILT, some clay, wood, brick, coal, strong petroleum odor		15.8 ppm
				12	9						
				9	7	55%	black-brown, greyish-brown	somewhat loose, firm	6-7.5' sandy SILT, some clay, brick, coal; 7.5-8' silty CLAY	3.6 ppm	
				6	6						
				2	1	30%	greyish-brown	firm	8-10' silty CLAY		
10				1	1						
				6	50/2	5%	grey	loose	10-10.2' gravelly SAND	GP	3.4 ppm
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LW-01-COMP1-0-4', LW-01-COMP2-4-10.2', LW-01-VOC1-2-4', LW-01-VOC2-6-8'					PROJECT NO.: 15-029-1054	
					BORING NO.: LW-01	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LW-03	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
DATE			LEVEL		GROUND ELEVATION: N/A	
TIME			TYPE		DATE STARTED: February 20, 2017	
			DIA.		DATE FINISHED: February 20, 2017	
			WT.		DRILLER: SJB/Empire Geo Serv. Inc.	
			FALL		GEOLOGIST: Kris Charney	
					REVIEWED BY:	

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION			USCS	REMARKS		
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION				
1	[Grid Pattern]			N/A	N/A	20%	grey-black	hard, firm	0-8" concrete; 8"-2' sandy GRAVEL, brick, coal	FILL	3.0 ppm	
				36	35							1.5 ppm
				50/4	N/A	5%	black	firm	2-4' sandy GRAVEL, brick, slag, coal			11.3 ppm
5					N/A	N/A	75%	grey-black	firm	4-5' crushed concrete, red brick; 5-6' sandy SILT, brick, coal, petroleum odor	FILL	16.7 ppm
				24	31							0 ppm
				15	13	90%	black-tan	somewhat loose to firm	6-7.5' sandy SILT, brick, coal, wet; 7.5-8' silty CLAY, petroleum odor	CL	0 ppm	
				9	6							0 ppm
				5	6							0 ppm
10				6	4	65%	tan	firm	8-10' silty CLAY			0 ppm
				6	9							0 ppm
				5	6	65%	tan	firm	10-12' silty CLAY			0 ppm
				8	12						0 ppm	
			12	50/0	25%	tan	firm	12-12.5' silty CLAY		0 ppm		
15								Spoon refusal @ 12.5' bgs, auger refusal @ 12.5'. Roller bit to 13.5'.				
20												
25												
30												
35												

COMMENTS: Samples obtained: LW-03-COMP1-4-8'	PROJECT NO.: 15-029-1054
	BORING NO.: LW-03



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LW-04	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: February 15, 2017	
TUBE					DATE FINISHED: February 15, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DRILLER: SJB/Empire Geo Serv. Inc.	
				DIA.	GEOLOGIST: Kris Charney	
				WT.	REVIEWED BY:	
				FALL		

DEPTH FEET	STRATA	SAMPLE				REC% ROD%	COLOR	CONSISTENCY HARDNESS	DESCRIPTION		USCS	REMARKS	
		"S" NO.	"N" NO.	BLOWS PER 6"	MATERIAL DESCRIPTION								
1	[Grid Pattern]			8	6	20%	black, grey, brown	somewhat loose	0-1' asphalt, gravel; 1-2' silty CLAY, some sand, brick, concrete		FILL	0 ppm	
				4	4							0 ppm	
					5	6	0%	N/A	N/A	N/A		N/A	0 ppm
					10	12							0 ppm
5	[Diagonal Lines]			15	50/4	30%	tan	firm	4-4.10' silty CLAY		CL	0 ppm	
									Spoon refusal @ 4.10' bgs, auger refusal @ 5'. Roller bit to 6'.			0 ppm	
10													
15													
20													
25													
30													
35													

COMMENTS: Samples obtained: LW-04-COMP1-0-4.10'	PROJECT NO.: 15-029-1054
	BORING NO.: LW-04



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: 683 Northland Ave.					BORING NO: LW-05	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.			SAMPLER		TUBE	
DATE			LEVEL		GROUND ELEVATION: N/A	
TIME			TYPE		DATE STARTED: February 20, 2017	
			DIA.		DATE FINISHED: February 20, 2017	
			WT.		DRILLER: SJB/Empire Geo Serv. Inc.	
			FALL		GEOLOGIST: Kris Charney	
REVIEWED BY:						

DEPTH FEET	STRATA	SAMPLE				DESCRIPTION				USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	REC% ROD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
1	[Grid Pattern]			N/A 8	5%	grey	hard, loose	0-6" concrete; 6"-2' gravelly SAND, crushed stone,		FILL	4.7 ppm
				6 4							
				3 2	10%	grey, brown	somewhat loose	2-3' gravelly SAND, brick; 3-4' sandy SILT with clay, coal, ash or fine sand, slag			
				2 2							
5	[Diagonal Lines]			2 2	20%	brown, tan	somewhat loose, firm	4-5' sandy SILT with clay, slag, coal; 5-6' silty CLAY		CL	3.9 ppm
				4 3							
				4 5	0%	N/A	N/A	N/A			
				8 8							
10				50/0				Spoon refusal @ 8' bgs, auger refusal @ 8.2'. Roller bit to 9'.			
15											
20											
25											
30											
35											

COMMENTS: Samples obtained: LW-05-COMP1-0-6'	PROJECT NO.: 15-029-1054
	BORING NO.: LW-05



LiRo Engineers, Inc.

TEST BORING LOG

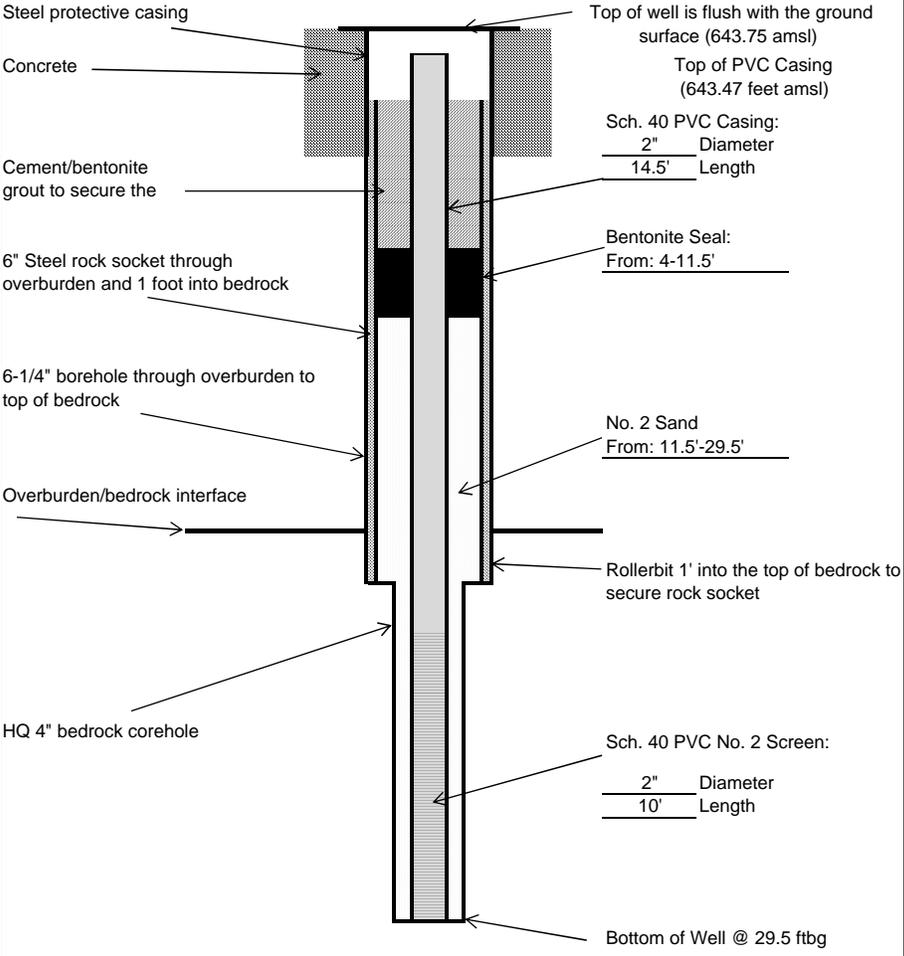
PROJECT NAME: 683 Northland Ave.					BORING NO: LW-06	
CLIENT: Buffalo Urban Development Corp.					SHEET: 1 of 1	
BORING CONTRACTOR: SJB/Empire Geo Serv. Inc.					JOB NO.: 15-029-1054	
GROUNDWATER: Not Encountered					LOCATION: 683 Northland Ave.	
CAS.					GROUND ELEVATION: N/A	
SAMPLER					DATE STARTED: February 21, 2017	
TUBE					DATE FINISHED: February 21, 2017	
DATE	TIME	LEVEL	TYPE	TYPE	DRILLER: SJB/Empire Geo Serv. Inc.	
				DIA.	GEOLOGIST: Kris Charney	
				WT.	REVIEWED BY:	
				FALL		

DEPTH FEET	STRATA	SAMPLE				REC% ROD%	CAS. COLOR	SAMPLER CONSISTENCY HARDNESS	TUBE DESCRIPTION MATERIAL DESCRIPTION	USCS	REMARKS
		"S" NO.	"N" NO.	BLOWS PER 6"	TYPE						
1	[Grid Pattern]			N/A	13	25%	grey-black	firm	0-2' medium SAND with gravel and a little silt, glass	FILL	5.0 ppm
				14	16				2-4' medium SAND with gravel and a little silt, glass		16.2 ppm
				27	30	35%	grey-black	firm	4-6' medium SAND with gravel and a little silt, glass		14.0 ppm
				20	21				6-8' medium SAND with gravel and a little silt/clay, glass		0 ppm
5	[Grid Pattern]			8	12	35%	grey-black	firm	8-10' silty CLAY	CL	14.6 ppm
				11	12	40%	grey-black	firm	10-12' silty CLAY		0 ppm
				12	7	45%	tan	firm	12-12.6' silty CLAY		0 ppm
				6	6						
10	[Diagonal Lines]			8	9	40%	tan	firm			
				10	12	25%	tan	firm			
				6	10						
				13	13						
				17	50/1						
15									Spoon refusal @ 12.6' bgs, auger refusal @ 12.6'. Roller bit to 13.4'.		
20											
25											
30											
35											

COMMENTS: Samples obtained: LW-06-COMP1-0-4', LW-06-VOC1-2-4'	PROJECT NO.: 15-029-1054
	BORING NO.: LW-06



APPENDIX B
WELL CONSTRUCTION LOGS
AND
WELL DEVELOPMENT LOGS

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Kris Charney		 <p>Steel protective casing</p> <p>Concrete</p> <p>Cement/bentonite grout to secure the</p> <p>6" Steel rock socket through overburden and 1 foot into bedrock</p> <p>6-1/4" borehole through overburden to top of bedrock</p> <p>Overburden/bedrock interface</p> <p>HQ 4" bedrock corehole</p> <p>Top of well is flush with the ground surface (643.75 amsl)</p> <p>Top of PVC Casing (643.47 feet amsl)</p> <p>Sch. 40 PVC Casing: 2" Diameter 14.5' Length</p> <p>Bentonite Seal: From: 4'-11.5'</p> <p>No. 2 Sand From: 11.5'-29.5'</p> <p>Rollerbit 1' into the top of bedrock to secure rock socket</p> <p>Sch. 40 PVC No. 2 Screen: 2" Diameter 10' Length</p> <p>Bottom of Well @ 29.5 ftbg</p>	
Drilling Company: SJB/Empire Geo Services, Inc.			
Driller: N/A			
Rig Make/Model: N/A			
Date: 2/16-3/16/2017			
GEOLOGIC LOG			
Depth (ft.)	Description		
0-7.5'	FILL		
7.5-10.2'	silty CLAY		
10.2-29.5'	Onondaga Formation Limestone bedrock		
WELL DESIGN		NOT TO SCALE	
<i>CASING MATERIAL</i>		<i>FILL MATERIAL</i>	
Surface: Concrete		11.5 - 29.5 ftbg No. 2 Sand	
Monitor: Schedule 40 PVC		<i>SEAL MATERIAL</i>	
		Type: Bentonite Setting: 4'- 11.5' ftbg	
		Type: Concrete Pad Setting: GRADE	
<i>COMMENTS:</i>		<i>LEGEND:</i>	
_____		[] #2 Sand	
_____		[■] Bentonite	
_____		[▨] Cement/Bentonite Grout	
_____		[▩] Concrete	

ftbg = feet below grade amsl = feet above mean sea level			
CLIENT: Buffalo Urban Development Corporation	LOCATION: 683 Northland Avenue	Project No. 15-029-1054	
LiRo Engineers, Inc.	Monitoring Well Construction Details	Well Number: LW-01	

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Kris Charney		<p>The diagram shows a cross-section of a monitoring well. At the top, the ground surface is at 644.91 feet AMSL. A concrete pad is at the surface. Below it is a 14.5-foot long Schedule 40 PVC casing with a 2-inch diameter. A bentonite seal is located between 5.5 and 10 feet depth. A 6-inch steel rock socket is set 1 foot into the bedrock. A 6-1/4 inch borehole is drilled through the overburden to the top of the bedrock. An HQ 4-inch bedrock corehole is also shown. A No. 2 sand zone is between 10 and 24.5 feet depth. A rollerbit is used to secure the rock socket. A Schedule 40 PVC No. 2 screen with a 2-inch diameter and 10-foot length is installed. The bottom of the well is at 24.5 feet depth.</p>	
Drilling Company: SJB/Empire Geo Services, Inc.			
Driller: N/A			
Rig Make/Model: N/A			
Date: 2/20-3/17/2017			
GEOLOGIC LOG			
Depth (ft.)	Description		
0-7.5'	FILL	Overburden/bedrock interface	
7.5-12.5'	silty CLAY	Rollerbit 1' into the top of bedrock to secure rock socket	
12.5-24.5'	Onondaga Formation Limestone bedrock	HQ 4" bedrock corehole	
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		FILL MATERIAL	
Surface: Concrete		10.0 - 24.5 ftbg No. 2 Sand	
Monitor: Schedule 40 PVC		SEAL MATERIAL	
		Type: Bentonite Setting: 5.5'- 10' ftbg	
		Type: Concrete Pad Setting: GRADE	
COMMENTS:		LEGEND:	
Petroleum observed floating on water surface (DTW 10.9') prior to well casing being installed.		[White Box] #2 Sand	
_____		[Diagonal Lines] Bentonite	
_____		[Dotted] Cement/Bentonite Grout	
_____		[Cross-hatch] Concrete	

ftbg = feet below grade amsl = feet above mean sea level			
CLIENT: Buffalo Urban Development Corporation	LOCATION: 683 Northland Avenue	Project No. 15-029-1054	
LiRo Engineers, Inc.	Monitoring Well Construction Details	Well Number: LW-03	

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Kris Charney		<p>The diagram shows a cross-section of a monitoring well. At the top, the ground surface is at 644.50 feet amsl. A concrete pad is at the surface. Below it is a 14.5-foot long Schedule 40 PVC casing with a 2-inch diameter. A bentonite seal is located between 1 and 5 feet depth. A 6-inch steel rock socket is set 1 foot into the bedrock. A 6-1/4 inch borehole is drilled through the overburden to the top of the bedrock. An HQ 4-inch bedrock corehole is also shown. A No. 2 sand zone is located between 5 and 25 feet depth. A rollerbit is used 1 foot into the top of the bedrock to secure the rock socket. A Schedule 40 PVC No. 2 screen with a 2-inch diameter and 15-foot length is installed. The bottom of the well is at 23.5 feet below grade.</p>	
Drilling Company: SJB/Empire Geo Services, Inc.			
Driller: N/A			
Rig Make/Model: N/A			
Date: 2/20-3/17/2017			
GEOLOGIC LOG			
Depth (ft.)	Description		
0-5'	FILL	Overburden/bedrock interface	
5-8.2'	silty CLAY	Rollerbit 1' into the top of bedrock to secure rock socket	
8.2-23.5'	Onondaga Formation Limestone bedrock	HQ 4" bedrock corehole	
WELL DESIGN		NOT TO SCALE	
<i>CASING MATERIAL</i>		<i>FILL MATERIAL</i>	
Surface: Concrete		1.5 - 23.5 ftbg No. 2 Sand	
Monitor: Schedule 40 PVC		<i>SEAL MATERIAL</i>	
		Type: Bentonite Setting: 1'- 5' ftbg	
		Type: Concrete Pad Setting: GRADE	
<i>COMMENTS:</i>		<i>LEGEND:</i>	
Petroleum observed floating on water surface (DTW 10.9') prior to well casing being installed.		[White Box] #2 Sand	
_____		[Black Box] Bentonite	
_____		[Hatched Box] Cement/Bentonite Grout	
_____		[Dotted Box] Concrete	

ftbg = feet below grade amsl = feet above mean sea level			
CLIENT: Buffalo Urban Development Corporation	LOCATION: 683 Northland Avenue	Project No. 15-029-1054	
LiRo Engineers, Inc.	Monitoring Well Construction Details	Well Number: LW-05	

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation Well Number: **LW-01**
 Site Name: 683 Northland Ave. Date: 3/16/2017
 Staff: Kris Charney

A). Total casing and screen length in feet:	29.50		Well ID	Volume (gal/ft)
			1"	0.04
B). Water level below top of casing in feet:	11.88	12.03	2"	0.17
	start	end	3"	0.38
C). Number of feet standing water [A-B]:	17.62		4"	0.66
			5"	1.04
D). Volume of water/foot of casing (gal.):	0.17		6"	1.50
			8"	2.60
E). Volume of water in casing (gal. [CxD]):	2.9954			
F). Volume of water to remove (gal.) [Ex5]:	14.977			
G). Volume of water actually removed (gal.):	30.00			

PURGE DATA

Volume Purged in Gallons	pH (SU)	Conductivity (uS/m)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity	ORP (mV)	Turbidity (NTU)	Appearance
1.5	7.58	0.510	33.91	10.48	NR	-70	-	grey
4.5	7.37	0.499	9.54	10.44	NR	14	855.0	grey-brown
7.5	7.27	0.724	8.71	11.37	NR	3	774	grey
11	7.25	0.803	8.24	11.89	NR	13	570	grey
14	7.32	0.832	9.11	11.66	NR	26	397	grey
17.5	7.30	0.843	8.63	11.79	NR	25	371	cloudy
21.5	7.33	0.851	8.43	11.76	NR	32	319	cloudy
25	7.31	0.862	8.33	11.81	NR	40	241	slightly cloudy
28	7.34	0.867	8.35	11.79	NR	34	175	slightly cloudy

Comments: Initial Well Development

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-02**

Site Name: 683 Northland Ave.

Date: 3/16/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	25.00		Well ID	Volume (gal/ft)
			1"	0.04
B). Water level below top of casing in feet:	9.64	9.66	2"	0.17
	start	end	3"	0.38
C). Number of feet standing water [A-B]:	15.36		4"	0.66
			5"	1.04
D). Volume of water/foot of casing (gal.):	0.17		6"	1.50
			8"	2.60
E). Volume of water in casing (gal. [CxD]):	2.6112			
F). Volume of water to remove (gal.) [Ex5]:	13.056			
G). Volume of water actually removed (gal.):	15.00			

PURGE DATA

Volume Purged in Gallons	pH (SU)	Conductivity (uS/m)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity	ORP (mV)	Turbidity (NTU)	Appearance
3.5	7.04	0.454	2.59	8.95	NR	-57	310	grey
7.5	7.35	0.456	0.00	9.24	NR	-63	63.0	light grey
11	7.17	0.458	0.00	8.55	NR	-69	37.7	clear
13.5	7.11	0.455	0.00	8.97	NR	-67	29.3	clear
15	7.07	0.455	0.00	8.95	NR	-67	17.1	clear

Comments: Initial Well Development

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-03**

Site Name: 683 Northland Ave.

Date: 3/17/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	24.50		Well ID	Volume (gal/ft)
			1"	0.04
B). Water level below top of casing in feet:	10.95	13.83	2"	0.17
	start	end	3"	0.38
C). Number of feet standing water [A-B]:	13.55		4"	0.66
			5"	1.04
D). Volume of water/foot of casing (gal.):	0.17		6"	1.50
			8"	2.60
E). Volume of water in casing (gal. [CxD]):	2.3035			
F). Volume of water to remove (gal.) [Ex5]:	11.5175			
G). Volume of water actually removed (gal.):	25.00			

PURGE DATA

Volume Purged in Gallons	pH (SU)	Conductivity (uS/m)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity	ORP (mV)	Turbidity (NTU)	Appearance
2.5	9.28	0.449	50.00	5.47	NR	98	-	grey
5	8.77	0.519	10.46	7.68	NR	62	606	grey
7.5	8.76	0.549	9.86	2.26	NR	-7	600	grey
10	8.75	0.446	6.72	7.66	NR	-1	412	light grey
12.5	8.59	0.432	7.91	9.33	NR	-113	371	light grey
15	8.51	0.411	7.69	7.44	NR	-1	350	light grey
17.5	8.31	0.423	5.82	9.36	NR	-132	321	cloudy
20	8.12	0.423	8.60	9.76	NR	-123	298	cloudy
22.5	8.27	0.421	7.59	9.54	NR	-113	291	cloudy
25	8.21	0.424	8.01	9.45	NR	-119	278	cloudy

Comments: Initial Well Development
sheen observed on purge water and strong petroleum odor

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation Well Number: **LW-04**
 Site Name: 683 Northland Ave. Date: 3/17/2017
 Staff: Kris Charney

A). Total casing and screen length in feet:	24.50		Well ID	Volume (gal/ft)
			1"	0.04
B). Water level below top of casing in feet:	11.87	13.20	2"	0.17
	start	end	3"	0.38
C). Number of feet standing water [A-B]:	12.63		4"	0.66
			5"	1.04
D). Volume of water/foot of casing (gal.):	0.17		6"	1.50
			8"	2.60
E). Volume of water in casing (gal. [Cx D]):	2.1471			
F). Volume of water to remove (gal.) [Ex5]:	10.7355			
G). Volume of water actually removed (gal.):	20.00			

PURGE DATA

Volume Purged in Gallons	pH (SU)	Conductivity (uS/m)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity	ORP (mV)	Turbidity (NTU)	Appearance
2	7.70	0.518	22.17	13.11	NR	2	-	brown
4	7.70	0.562	11.56	12.65	NR	26	956	brown
6	7.59	0.588	9.14	12.80	NR	-4	644	brown
8	7.55	0.591	9.07	12.70	NR	-8	456	brown
10	7.53	0.603	8.79	12.58	NR	0	252	cloudy brown
12	7.53	0.603	8.79	12.54	NR	11	226	cloudy
14	7.52	0.606	8.32	12.72	NR	22	197	cloudy
16	7.54	0.608	8.72	12.51	NR	11	164	cloudy
18	7.52	0.610	8.38	12.68	NR	29	121	slightly cloudy
20	7.54	0.611	8.87	12.52	NR	12	73	clear

Comments: Initial Well Development

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-05**

Site Name: 683 Northland Ave.

Date: 3/17/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	23.50		Well ID	Volume (gal/ft)
			1"	0.04
B). Water level below top of casing in feet:	13.24	19.85	2"	0.17
	start	end	3"	0.38
C). Number of feet standing water [A-B]:	10.26		4"	0.66
			5"	1.04
D). Volume of water/foot of casing (gal.):	0.17		6"	1.50
			8"	2.60
E). Volume of water in casing (gal. [Cx D]):	1.7442			
F). Volume of water to remove (gal.) [Ex 5]:	8.721			
G). Volume of water actually removed (gal.):	12.00			

PURGE DATA

Volume Purged in Gallons	pH (SU)	Conductivity (uS/m)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity	ORP (mV)	Turbidity (NTU)	Appearance
2	7.66	0.700	24.53	8.37	NR	-68	-	grey brown
4	7.29	0.745	7.82	9.07	NR	-80	690	brown
6	7.21	0.774	7.37	7.37	NR	-84	204	cloudy
8	7.29	0.804	4.26	5.90	NR	-42	201	cloudy
10	7.05	0.779	7.08	5.95	NR	-86	98.7	slightly cloudy
12	7.14	0.781	7.01	5.92	NR	-79	43.7	clear

Comments: Initial Well Development
sheen observed on purge water and strong petroleum odor

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-06**

Site Name: 683 Northland Ave.

Date: 3/17/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	35.00		Well ID	Volume (gal/ft)
			1"	0.04
B). Water level below top of casing in feet:	17.43	18.46	2"	0.17
	start	end	3"	0.38
C). Number of feet standing water [A-B]:	17.57		4"	0.66
			5"	1.04
D). Volume of water/foot of casing (gal.):	0.17		6"	1.50
			8"	2.60
E). Volume of water in casing (gal. [CxD]):	2.9869			
F). Volume of water to remove (gal.) [Ex5]:	14.9345			
G). Volume of water actually removed (gal.):	30.00			

PURGE DATA

Volume Purged in Gallons	pH (SU)	Conductivity (uS/m)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity	ORP (mV)	Turbidity (NTU)	Appearance
3	7.73	0.664	14.24	8.61	NR	-26	-	grey
6	7.56	0.667	9.74	10.46	NR	-97	842	grey
9	7.50	0.681	9.32	10.74	NR	-69	831	grey
12	7.54	0.685	8.83	10.75	NR	-84	854	grey
15	7.42	0.673	7.62	11.59	NR	-107	751	grey
18	7.40	0.671	7.46	11.84	NR	-116	746	grey
21	7.39	0.673	8.45	11.85	NR	-116	741	grey
24	7.39	0.671	8.03	12.03	NR	-123	721	grey
27	7.67	0.691	7.79	9.98	NR	-141	452	light grey cloudy

Comments: Initial Well Development



APPENDIX C
WELL PURGE LOGS

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-01**

Site Name: 683 Northland Ave.

Date: 4/5/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	29.50	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	10.29	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
12:36	12.97	7.82	57	0.521	624.0	7.24	NR	cloudy
12:40	13.14	7.54	5	0.529	199.0	0.00	NR	somewhat cloudy
12:44	13.18	7.43	7	0.549	31.0	0.00	NR	clear
12:48	13.16	7.38	9	0.552	5.4	0.00	NR	clear
12:52	13.16	7.36	10	0.552	3.8	0.00	NR	clear
12:56	13.24	7.35	10	0.552	3	0.00	NR	clear
13:00	13.23	7.34	10	0.552	2.8	0.00	NR	clear
13:04	13.18	7.34	9	0.553	3.1	0.00	NR	clear

Comments: 3.4ppm upon opening the well cover. Sampled at 13:05. Duplicated collected.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-02**

Site Name: 683 Northland Ave.

Date: 4/5/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	25.00	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	9.00	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
14:14	14.30	7.46	17	0.458	445.0	1.28	NR	cloudy
14:18	13.89	7.39	-1	0.464	403.0	0.73	NR	cloudy
14:22	12.85	7.32	-6	0.464	296.0	0.23	NR	cloudy
14:26	12.13	7.27	-15	0.452	49.6	0.00	NR	clear
14:30	11.96	7.25	-17	0.450	11.9	0.00	NR	clear
14:34	11.88	7.23	-18	0.448	12.5	0.00	NR	clear
14:38	11.83	7.22	-20	0.446	6.3	0.00	NR	clear

Comments: 11.9ppm upon opening the well cover. Sampled at 14:40.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-03**

Site Name: 683 Northland Ave.

Date: 4/5/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	24.50	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	10.21	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
15:44	12.94	8.46	-21	0.501	66.0	4.50	NR	slightly cloudy
15:48	12.53	9.00	-77	0.532	20.5	0.24	NR	clear
15:52	12.41	8.96	-93	0.559	12.7	0.00	NR	clear
15:56	12.24	8.49	-81	0.579	5.1	0.00	NR	clear
16:00	12.16	8.13	-62	0.584	3.1	0.00	NR	clear
16:04	12.12	7.96	-54	0.583	2	0.00	NR	clear
16:08	12.18	7.86	-50	0.578	1.2	0.00	NR	clear
16:12	12.18	7.80	-48	0.571	2.2	0.00	NR	clear
16:16	12.18	7.78	-48	0.566	0.7	0.00	NR	clear
16:20	12.18	7.76	-48	0.564	0.8	0.00	NR	clear

Comments: 11.0ppm upon opening the well cover. Sampled at 16:20.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-04**

Site Name: 683 Northland Ave.

Date: 4/5/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	24.50	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	9.14	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
11:00	11.97	7.78	198	0.615	23.2	3.86	NR	clear
11:04	12.29	7.65	196	0.658	7.4	0.29	NR	clear
11:08	12.43	7.63	194	0.691	2.6	0.00	NR	clear
11:12	12.47	7.64	192	0.694	0.8	0.00	NR	clear
11:16	12.52	7.65	178	0.692	0.5	0.00	NR	clear
11:20	12.54	7.64	173	0.694	0.5	0.00	NR	clear
11:24	12.59	7.64	153	0.698	0.0	0.00	NR	clear
11:28	12.62	7.62	145	0.699	0.0	0.00	NR	clear
11:32	12.64	7.60	140	0.697	0.0	0.00	NR	clear
11:36	12.61	7.60	138	0.697	0.0	0.00	NR	clear

Comments: 5.1ppm upon opening the well cover. Sampled at 11:35.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-05**

Site Name: 683 Northland Ave.

Date: 4/6/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	23.50	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	9.93	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
11:54	11.20	7.86	21	0.530	10.5	6.47	NR	clear
11:58	11.03	7.07	7	0.533	5.2	0.00	NR	clear
12:02	10.86	6.98	5	0.531	3.9	0.00	NR	clear
12:06	10.77	6.91	3	0.528	4.0	0.00	NR	clear
12:10	10.70	6.86	2	0.523	3.5	0.00	NR	clear
12:14	10.70	6.84	1	0.516	3.6	0.00	NR	clear
12:18	10.69	6.83	0	0.507	2.7	0.00	NR	clear
12:22	10.69	6.82	0	0.499	2.6	0.00	NR	clear

Comments: 0.0ppm upon opening the well cover. Sampled at 12:25.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-06**

Site Name: 683 Northland Ave.

Date: 4/6/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	35.00	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	11.37	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	3.50		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
13:34	11.49	7.24	7	0.758	76.2	5.04	NR	slightly cloudy
13:38	12.06	7.41	-11	0.777	6.7	0.00	NR	clear
13:42	12.12	7.45	-17	0.775	3.3	0.00	NR	clear
13:46	12.13	7.46	-20	0.771	2.6	0.00	NR	clear
13:50	12.13	7.47	-21	0.771	2.6	0.00	NR	clear
13:54	12.14	7.47	-23	0.768	2.1	0.00	NR	clear

Comments: 3.3ppm upon opening the well cover. Sampled at 13:55. MS/MSD collected.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-02**

Site Name: 683 Northland Ave.

Date: 4/5/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	25.00	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	9.00	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
14:14	14.30	7.46	17	0.458	445.0	1.28	NR	cloudy
14:18	13.89	7.39	-1	0.464	403.0	0.73	NR	cloudy
14:22	12.85	7.32	-6	0.464	296.0	0.23	NR	cloudy
14:26	12.13	7.27	-15	0.452	49.6	0.00	NR	clear
14:30	11.96	7.25	-17	0.450	11.9	0.00	NR	clear
14:34	11.88	7.23	-18	0.448	12.5	0.00	NR	clear
14:38	11.83	7.22	-20	0.446	6.3	0.00	NR	clear

Comments: 11.9ppm upon opening the well cover. Sampled at 14:40.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-03**

Site Name: 683 Northland Ave.

Date: 4/5/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	24.50	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	10.21	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
15:44	12.94	8.46	-21	0.501	66.0	4.50	NR	slightly cloudy
15:48	12.53	9.00	-77	0.532	20.5	0.24	NR	clear
15:52	12.41	8.96	-93	0.559	12.7	0.00	NR	clear
15:56	12.24	8.49	-81	0.579	5.1	0.00	NR	clear
16:00	12.16	8.13	-62	0.584	3.1	0.00	NR	clear
16:04	12.12	7.96	-54	0.583	2	0.00	NR	clear
16:08	12.18	7.86	-50	0.578	1.2	0.00	NR	clear
16:12	12.18	7.80	-48	0.571	2.2	0.00	NR	clear
16:16	12.18	7.78	-48	0.566	0.7	0.00	NR	clear
16:20	12.18	7.76	-48	0.564	0.8	0.00	NR	clear

Comments: 11.0ppm upon opening the well cover. Sampled at 16:20.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-04**

Site Name: 683 Northland Ave.

Date: 4/5/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	24.50	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	9.14	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
11:00	11.97	7.78	198	0.615	23.2	3.86	NR	clear
11:04	12.29	7.65	196	0.658	7.4	0.29	NR	clear
11:08	12.43	7.63	194	0.691	2.6	0.00	NR	clear
11:12	12.47	7.64	192	0.694	0.8	0.00	NR	clear
11:16	12.52	7.65	178	0.692	0.5	0.00	NR	clear
11:20	12.54	7.64	173	0.694	0.5	0.00	NR	clear
11:24	12.59	7.64	153	0.698	0.0	0.00	NR	clear
11:28	12.62	7.62	145	0.699	0.0	0.00	NR	clear
11:32	12.64	7.60	140	0.697	0.0	0.00	NR	clear
11:36	12.61	7.60	138	0.697	0.0	0.00	NR	clear

Comments: 5.1ppm upon opening the well cover. Sampled at 11:35.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-05**

Site Name: 683 Northland Ave.

Date: 4/6/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	23.50	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	9.93	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
11:54	11.20	7.86	21	0.530	10.5	6.47	NR	clear
11:58	11.03	7.07	7	0.533	5.2	0.00	NR	clear
12:02	10.86	6.98	5	0.531	3.9	0.00	NR	clear
12:06	10.77	6.91	3	0.528	4.0	0.00	NR	clear
12:10	10.70	6.86	2	0.523	3.5	0.00	NR	clear
12:14	10.70	6.84	1	0.516	3.6	0.00	NR	clear
12:18	10.69	6.83	0	0.507	2.7	0.00	NR	clear
12:22	10.69	6.82	0	0.499	2.6	0.00	NR	clear

Comments: 0.0ppm upon opening the well cover. Sampled at 12:25.

WELL PURGE AND SAMPLING LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-06**

Site Name: 683 Northland Ave.

Date: 4/6/2017

Staff: Kris Charney

A). Total casing and screen length in feet:	35.00	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	11.37	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	N/A	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	N/A	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	N/A		
F). Volume of water to remove (gal.) [Ex 5]:	N/A		
G). Volume of water actually removed (gal.):	3.50		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
13:34	11.49	7.24	7	0.758	76.2	5.04	NR	slightly cloudy
13:38	12.06	7.41	-11	0.777	6.7	0.00	NR	clear
13:42	12.12	7.45	-17	0.775	3.3	0.00	NR	clear
13:46	12.13	7.46	-20	0.771	2.6	0.00	NR	clear
13:50	12.13	7.47	-21	0.771	2.6	0.00	NR	clear
13:54	12.14	7.47	-23	0.768	2.1	0.00	NR	clear

Comments: 3.3ppm upon opening the well cover. Sampled at 13:55. MS/MSD collected.

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-01**

Site Name: 683 Northland Ave.

Date: 11/14/2017

Staff: Andrew Koons

		Well ID	Volume (gal/ft)
A). Total casing and screen length in feet:	29.01	1"	0.04
B). Water level below top of casing in feet:	11.23	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	17.78	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	3.0226		
F). Volume of water to remove (gal.) [Ex 5]:	9.0678		
G). Volume of water actually removed (gal.):	9.10		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
9:11	11.73	7.34	-43	0.570	0.0	8.03	NR	clear
9:24	13.37	7.30	-55	0.511	0.0	8.04	NR	clear
9:33	13.42	7.37	-57	0.509	0.0	4.53	NR	clear
9:40	13.73	7.34	-57	0.505	0.0	4.03	NR	clear

Comments: Sulfur odor. Sampled at 9:45. MS/MSD collected.

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-03**

Site Name: 683 Northland Ave.

Date: 11/14/2017

Staff: Andrew Koons

A). Total casing and screen length in feet:	24.40	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	10.37	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	14.03	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	2.3851		
F). Volume of water to remove (gal.) [Ex 5]:	7.1553		
G). Volume of water actually removed (gal.):	7.25		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
11:35	12.97	7.50	-105	0.674	0.0	8.02	NR	clear
11:48	13.69	7.44	-105	0.644	0.0	4.01	NR	clear
11:55	14.30	7.42	-106	0.631	0.0	5.01	NR	clear
12:01	14.21	7.44	-107	0.625	0.0	5.21	NR	clear

Comments: Petroleum odor. Sampled at 16:20. Duplicate collected.

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation Well Number: **LW-04**
 Site Name: 683 Northland Ave. Date: 11/15/2017
 Staff: Andrew Koons

A). Total casing and screen length in feet:	25.30	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	10.58	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	14.72	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	2.5024		
F). Volume of water to remove (gal.) [Ex 5]:	7.5072		
G). Volume of water actually removed (gal.):	7.50		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
9:21	12.20	7.73	-55	0.524	0.0	4.03	NR	clear
9:29	13.99	7.66	-73	0.527	0.0	3.32	NR	clear
9:36	13.99	7.65	-72	0.518	0.0	3.50	NR	clear
9:42	14.52	7.69	-64	0.511	0.0	4.00	NR	clear
9:45	14.76	7.68	-63	0.512	0.0	4.03	NR	clear

Comments: Sulfur odor. Sampled at 9:55

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation

Well Number: **LW-05**

Site Name: 683 Northland Ave.

Date: 11/15/2017

Staff: Andrew Koons

A). Total casing and screen length in feet:	23.10	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	11.71	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	11.39	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	1.9363		
F). Volume of water to remove (gal.) [Ex 5]:	5.8089		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
10:57	12.57	7.16	-73	1.710	0.0	4.03	NR	clear
11:03	13.25	7.14	-67	1.750	0.0	3.50	NR	clear
11:08	13.44	7.13	-66	1.290	0.0	3.23	NR	clear
11:12	13.56	7.16	-67	1.280	0.0	2.82	NR	clear
11:15	13.58	7.14	-55	1.650	0.0	2.91	NR	clear

Comments: Petroleum odor and slight sheen. Sampled at 11:20.

WELL DEVELOPMENT LOG

LiRo Engineers, Inc.

Project Title: 683 Northland Ave. Remedial Investigation Well Number: **LW-06**
 Site Name: 683 Northland Ave. Date: 11/14/2017
 Staff: Andrew Koons

A). Total casing and screen length in feet:	35.80	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	16.16	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	19.64	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	3.3388		
F). Volume of water to remove (gal.) [Ex 5]:	10.0164		
G). Volume of water actually removed (gal.):	10.00		

PURGE DATA

Time	Temperature (°C)	pH (SU)	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Salinity	Appearance
14:01	12.38	7.70	-85	0.745	0.0	4.93	NR	clear
14:33	12.35	7.48	-98	0.736	0.0	3.75	NR	clear
14:37	12.97	7.49	-102	0.736	0.0	3.57	NR	clear
14:41	13.09	7.47	-103	0.728	0.0	3.21	NR	clear

Comments: Sulfur odor. Sampled at 14:45. MS/MSD collected.



APPENDIX D
LABORATORY REPORTS

February 22, 2017

Jon Williams
LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209-2202

Project Location: 683 Northland
Client Job Number:
Project Number: 20170105 - Northland Ave., Buffalo, NY
Laboratory Work Order Number: 17B0503

Enclosed are results of analyses for samples received by the laboratory on February 11, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right from the end of the signature.

Aaron L. Benoit
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, NY 14209-2202
 ATTN: Jon Williams

REPORT DATE: 2/22/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 20170105 - Northland Ave., Buffalo, NY

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0503

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LB-14-Comp 1-0-4	17B0503-01	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-15-Comp 1-0-4	17B0503-02	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8270D SW-846 9014	
LB-14-Comp 2-4-10.5	17B0503-03	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-15-Comp 2-4-8.5	17B0503-04	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8270D SW-846 9014	
LB-18-Comp 1-0-4	17B0503-05	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8270D SW-846 9014	
LB-26-Comp 1-0-4	17B0503-06	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-26-Comp 2-4-7.8	17B0503-07	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	

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PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LB-27-Comp 1-0-4	17B0503-08	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-27-Comp 2-4-10.3	17B0503-09	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-28-Comp 1-0-4	17B0503-10	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-08-Comp 1-0-4	17B0503-11	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-08-Comp 2-4-10.2	17B0503-12	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8270D SW-846 9014	
LB-09-Comp 1-0-4	17B0503-13	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-09-Comp 2-4-10.7	17B0503-14	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	

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PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LB-11-Comp 2-4-9	17B0503-15	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-11-Comp 1-0-4	17B0503-16	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8270D	
LB-12-Comp 1-0-4	17B0503-17	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-12-Comp 2-4-9	17B0503-18	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-13-Comp 1-0-4	17B0503-19	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-13-Comp 2-4-9.8	17B0503-20	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-27-5.5-6	17B0503-21	Soil		SM 2540G SW-846 8260C	
LB-28-10.5-11	17B0503-22	Soil		SM 2540G SW-846 8260C	
LB-01-Comp 1-0-4	17B0503-23	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	

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PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LB-01-Comp 2-4-9.8	17B0503-24	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-02-Comp 1-0-4	17B0503-25	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-02-Comp 2-4-9.2	17B0503-26	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8270D SW-846 9014	
LB-03-Comp 1-0-4	17B0503-27	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-03-Comp 2-4-9.9	17B0503-28	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-07-Comp 1-0-4	17B0503-29	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-07-Comp 2-4-9.7	17B0503-30	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-13-3-3.5	17B0503-31	Soil		SM 2540G SW-846 8260C	
LB-13-5-5.5	17B0503-32	Soil		SM 2540G SW-846 8260C	

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REPORT DATE: 2/22/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 20170105 - Northland Ave., Buffalo, NY

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0503

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LB-14-3.5-4	17B0503-33	Soil		SM 2540G SW-846 8260C	
LB-14-5-5.5	17B0503-34	Soil		SM 2540G SW-846 8260C	
LB-14-10-10.5	17B0503-35	Soil		SM 2540G SW-846 8260C	
LB-15-3.5-4	17B0503-36	Soil		SM 2540G SW-846 8260C	
LB-15-5-5.5	17B0503-37	Soil		SM 2540G SW-846 8260C	
LB-18-0-2	17B0503-38	Soil		SM 2540G SW-846 8260C	
LB-26-1.3-1.8	17B0503-39	Soil		SM 2540G SW-846 8260C	
LB-26-4.5-5	17B0503-40	Soil		SM 2540G SW-846 8260C	
LB-02-8-8.5	17B0503-41	Soil		SM 2540G SW-846 8260C	
LB-07-1-1.5	17B0503-42	Soil		SM 2540G SW-846 8260C	
LB-07-4.5-5	17B0503-43	Soil		SM 2540G SW-846 8260C	
LB-07-8-8.5	17B0503-44	Soil		SM 2540G SW-846 8260C	
LB-08-9-10	17B0503-45	Soil		SM 2540G SW-846 8260C	
LB-09-3-3.5	17B0503-46	Soil		SM 2540G SW-846 8260C	
LB-09-4.5-5	17B0503-47	Soil		SM 2540G SW-846 8260C	
LB-12-1-1.5	17B0503-48	Soil		SM 2540G SW-846 8260C	
LB-12-1.5-2	17B0503-49	Soil		SM 2540G SW-846 8260C	
LB-12-4-4.5	17B0503-50	Soil		SM 2540G SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, NY 14209-2202
 ATTN: Jon Williams

REPORT DATE: 2/22/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 20170105 - Northland Ave., Buffalo, NY

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0503

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LB-28-Comp 2-4-11	17B0503-51	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8270D SW-846 9014	
LB-29-Comp 1-0-4	17B0503-52	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-29-Comp 2-4-9.3	17B0503-53	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LB-13-Comp 3-10-15	17B0503-54	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
Trip Blank	17B0503-55	Trip Blank Water		SW-846 8270D SW-846 8260C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332
SW-846 6010C-D

Qualifications:**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Lead**

B170631-BS1, B170631-BSD1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:**Barium**

B170760-MS1, B170760-MSD1

Chromium

B170760-MS1

Lead

B170760-MS1, B170760-MSD1

R-02

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:**Barium**

17B0503-18[LB-12-Comp 2-4-9], B170760-DUP1

Cadmium

17B0503-18[LB-12-Comp 2-4-9], B170760-DUP1

Lead

17B0503-18[LB-12-Comp 2-4-9], B170760-DUP1

SW-846 7471B

Qualifications:**R-02**

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:**Mercury**

17B0503-18[LB-12-Comp 2-4-9], B170739-DUP1

SW-846 8081B

Qualifications:**DL-03**

Elevated reporting limit due to matrix.

Analyte & Samples(s) Qualified:

17B0503-12[LB-08-Comp 2-4-10.2]

DL-04

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

17B0503-16[LB-11-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-51[LB-28-Comp 2-4-11]

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:**Decachlorobiphenyl**

17B0503-26[LB-02-Comp 2-4-9.2]

Decachlorobiphenyl [2C]

17B0503-26[LB-02-Comp 2-4-9.2]

Tetrachloro-m-xylene

17B0503-26[LB-02-Comp 2-4-9.2]

Tetrachloro-m-xylene [2C]

17B0503-26[LB-02-Comp 2-4-9.2]

SW-846 8082A**Qualifications:****MS-21**

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:**Aroclor-1016 [2C]**

B170375-MS1, B170375-MSD1

Aroclor-1260

B170375-MS1, B170375-MSD1

Aroclor-1260 [2C]

B170375-MSD1

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:**Decachlorobiphenyl**

17B0503-01[LB-14-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-25[LB-02-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30[LB-07-Comp 2-4-9.7]

Decachlorobiphenyl [2C]

17B0503-01[LB-14-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-25[LB-02-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30[LB-07-Comp 2-4-9.7]

Tetrachloro-m-xylene

17B0503-01[LB-14-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-25[LB-02-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30[LB-07-Comp 2-4-9.7]

Tetrachloro-m-xylene [2C]

17B0503-01[LB-14-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-25[LB-02-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30[LB-07-Comp 2-4-9.7]

SW-846 8260C**Qualifications:****L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

B170743-BS1, B170743-BSD1

Bromochloromethane

B170319-BS1, B170319-BSD1

Methyl Acetate

B170319-BS1, B170319-BSD1, B170370-BS1, B170370-BSD1

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**2-Hexanone (MBK)**

17B0503-37[LB-15-5-5.5], 17B0503-39[LB-26-1.3-1.8], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5], B170239-BLK1, B170239-BS1, B170239-BSD1

Chloromethane

17B0503-33[LB-14-3-5-4], 17B0503-37[LB-15-5-5.5], 17B0503-39[LB-26-1.3-1.8], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5], B170239-BLK1, B170239-BS1, B170239-BSD1, B170812-BLK1, B170812-BS1, B170812-BSD1

Methyl Acetate

17B0503-37[LB-15-5-5.5], 17B0503-39[LB-26-1.3-1.8], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5], B170239-BLK1, B170239-BS1, B170239-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethane**

B170812-BSD1

1,2-Dibromo-3-chloropropane (DBP)

B170812-BS1

Bromochloromethane

B170370-BS1

Carbon Disulfide

B170743-BS1

Isopropylbenzene (Cumene)

B170319-BSD1

PR-03

Sample preserved in the laboratory, not in the field as required by the method.

Analyte & Samples(s) Qualified:

17B0503-21[LB-27-5-5-6], 17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11], 17B0503-31[LB-13-3-3.5], 17B0503-32[LB-13-5-5.5], 17B0503-34[LB-14-5-5.5], 17B0503-35[LB-14-10-10.5], 17B0503-36[LB-15-3-5-4], 17B0503-37[LB-15-5-5.5], 17B0503-38[LB-18-0-2], 17B0503-39[LB-26-1.3-1.8], 17B0503-40[LB-26-4.5-5], 17B0503-41[LB-02-8-8.5], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-45[LB-08-9-10], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5]

PR-08

pH of sample (pH 5) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

17B0503-55[Trip Blank]

PR-15

According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.

Analyte & Samples(s) Qualified:

17B0503-21[LB-27-5-5-6], 17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11], 17B0503-31[LB-13-3-3.5], 17B0503-32[LB-13-5-5.5], 17B0503-34[LB-14-5-5.5], 17B0503-35[LB-14-10-10.5], 17B0503-36[LB-15-3-5-4], 17B0503-37[LB-15-5-5.5], 17B0503-38[LB-18-0-2], 17B0503-39[LB-26-1.3-1.8], 17B0503-40[LB-26-4.5-5], 17B0503-41[LB-02-8-8.5], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-45[LB-08-9-10], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5]

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**Bromomethane**

17B0503-55[Trip Blank], B170743-BLK1, B170743-BS1, B170743-BSD1

S-03

Surrogate recovery outside of control limits due to suspected sample matrix interference.

Analyte & Samples(s) Qualified:**4-Bromofluorobenzene**

17B0503-22RE1[LB-28-10.5-11]

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**1,2-Dibromo-3-chloropropane (DB)**

17B0503-33[LB-14-3.5-4], B170812-BLK1, B170812-BS1, B170812-BSD1

2,2-Dichloropropane

17B0503-21[LB-27-5.5-6], 17B0503-22[LB-28-10.5-11], 17B0503-31[LB-13-3-3.5], 17B0503-32[LB-13-5-5.5], 17B0503-34[LB-14-5-5.5], 17B0503-35[LB-14-10-10.5], 17B0503-36[LB-15-3.5-4], 17B0503-38[LB-18-0-2], 17B0503-40[LB-26-4.5-5], B170319-BLK1, B170319-BS1, B170319-BSD1

2-Hexanone (MBK)

17B0503-37[LB-15-5-5.5], 17B0503-39[LB-26-1.3-1.8], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5], B170239-BLK1, B170239-BS1, B170239-BSD1

Acrylonitrile

17B0503-33[LB-14-3.5-4], B170812-BLK1, B170812-BS1, B170812-BSD1

Chloromethane

17B0503-33[LB-14-3.5-4], 17B0503-37[LB-15-5-5.5], 17B0503-39[LB-26-1.3-1.8], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5], B170239-BLK1, B170239-BS1, B170239-BSD1, B170812-BLK1, B170812-BS1, B170812-BSD1

Methyl Acetate

17B0503-33[LB-14-3.5-4], 17B0503-37[LB-15-5-5.5], 17B0503-39[LB-26-1.3-1.8], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5], B170239-BLK1, B170239-BS1, B170239-BSD1, B170812-BLK1, B170812-BS1, B170812-BSD1

Methyl tert-Butyl Ether (MTBE)

17B0503-21[LB-27-5.5-6], 17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11], 17B0503-31[LB-13-3-3.5], 17B0503-32[LB-13-5-5.5], 17B0503-34[LB-14-5-5.5], 17B0503-35[LB-14-10-10.5], 17B0503-36[LB-15-3.5-4], 17B0503-38[LB-18-0-2], 17B0503-40[LB-26-4.5-5], 17B0503-41[LB-02-8-8.5], 17B0503-45[LB-08-9-10], B170319-BLK1, B170319-BS1, B170319-BSD1, B170370-BLK1, B170370-BS1, B170370-BSD1

tert-Butyl Alcohol (TBA)

17B0503-21[LB-27-5.5-6], 17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11], 17B0503-31[LB-13-3-3.5], 17B0503-32[LB-13-5-5.5], 17B0503-33[LB-14-3.5-4], 17B0503-34[LB-14-5-5.5], 17B0503-35[LB-14-10-10.5], 17B0503-36[LB-15-3.5-4], 17B0503-37[LB-15-5-5.5], 17B0503-38[LB-18-0-2], 17B0503-39[LB-26-1.3-1.8], 17B0503-40[LB-26-4.5-5], 17B0503-41[LB-02-8-8.5], 17B0503-42[LB-07-1-1.5], 17B0503-43[LB-07-4.5-5], 17B0503-44[LB-07-8-8.5], 17B0503-45[LB-08-9-10], 17B0503-46[LB-09-3-3.5], 17B0503-47[LB-09-4.5-5], 17B0503-48[LB-12-1-1.5], 17B0503-49[LB-12-1.5-2], 17B0503-50[LB-12-4-4.5], 17B0503-55[Trip Blank], B170239-BLK1, B170239-BS1, B170239-BSD1, B170319-BLK1, B170319-BS1, B170319-BSD1, B170370-BLK1, B170370-BS1, B170370-BSD1, B170743-BLK1, B170743-BS1, B170743-BSD1, B170812-BLK1, B170812-BS1, B170812-BSD1

V-06

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:**Acetone**

B170370-BS1, B170370-BSD1

V-17

Internal standard area <50% of associated calibration standard internal standard area. Reanalysis yielded similar internal standard non-conformance.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

1,2,4-Trichlorobenzene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

1,2,4-Trimethylbenzene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

1,2-Dibromo-3-chloropropane (DB)

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

1,2-Dichlorobenzene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

1,3,5-Trichlorobenzene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

1,3-Dichlorobenzene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

1,4-Dichlorobenzene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

1,4-Dichlorobenzene-d4

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

Hexachlorobutadiene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

Naphthalene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

n-Butylbenzene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

p-Isopropyltoluene (p-Cymene)

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

sec-Butylbenzene

17B0503-22[LB-28-10.5-11], 17B0503-22RE1[LB-28-10.5-11]

tert-Butylbenzene

17B0503-22[LB-28-10.5-11]

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

B170743-BS1, B170743-BSD1

1,3,5-Trichlorobenzene

B170743-BS1, B170743-BSD1

Bromochloromethane

B170370-BS1, B170370-BSD1

Chloromethane

B170319-BS1, B170319-BSD1, B170370-BS1, B170370-BSD1

Methyl Acetate

B170319-BS1, B170319-BSD1, B170370-BS1, B170370-BSD1

Naphthalene

B170743-BS1, B170743-BSD1

SW-846 8270D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Benzoic Acid**

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-19[LB-13-Comp 1-0-4], B170411-BLK1, B170411-BS1, B170411-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Benzidine**

B170675-BSD1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**2,4,5-Trichlorophenol**

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

2,4,6-Trichlorophenol

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

2,4-Dinitrophenol

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

2-Nitrophenol

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

4,6-Dinitro-2-methylphenol

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

4-Nitrophenol

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

Benzoic Acid

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

Hexachlorocyclopentadiene

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

Pentachlorophenol

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

Phenanthrene

17B0503-18[LB-12-Comp 2-4-9], B170411-MS1, B170411-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:**Benzo(b)fluoranthene**

B170411-MSD1

Chrysene

B170411-MSD1

Fluoranthene

B170411-MSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**4-Chloroaniline**

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-19[LB-13-Comp 1-0-4], B170411-BLK1, B170411-BS1, B170411-BSD1

Benzidine

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-24[LB-01-Comp 2-4-9.8], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-27[LB-03-Comp 1-0-4], 17B0503-28[LB-03-Comp 2-4-9.9], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-51[LB-28-Comp 2-4-11], 17B0503-52[LB-29-Comp 1-0-4], 17B0503-53[LB-29-Comp 2-4-9.3], 17B0503-54[LB-13-Comp 3-10-15], B170235-BLK1, B170235-BS1, B170235-BSD1, B170411-BLK1, B170411-BS1, B170411-BSD1

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7]

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:**2,4,6-Tribromophenol**

17B0503-10RE1[LB-28-Comp 1-0-4], 17B0503-19RE1[LB-13-Comp 1-0-4]

2-Fluorobiphenyl

17B0503-10RE1[LB-28-Comp 1-0-4], 17B0503-19RE1[LB-13-Comp 1-0-4]

2-Fluorophenol

17B0503-10RE1[LB-28-Comp 1-0-4], 17B0503-19RE1[LB-13-Comp 1-0-4]

Nitrobenzene-d5

17B0503-10RE1[LB-28-Comp 1-0-4], 17B0503-19RE1[LB-13-Comp 1-0-4]

Phenol-d6

17B0503-10RE1[LB-28-Comp 1-0-4], 17B0503-19RE1[LB-13-Comp 1-0-4]

p-Terphenyl-d14

17B0503-10RE1[LB-28-Comp 1-0-4], 17B0503-19RE1[LB-13-Comp 1-0-4]

S-03

Surrogate recovery outside of control limits due to suspected sample matrix interference.

Analyte & Samples(s) Qualified:**2,4,6-Tribromophenol**

B170411-MS1, B170411-MSD1

S-07

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:**2,4,6-Tribromophenol**

17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-13RE1[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-52[LB-29-Comp 1-0-4], 17B0503-54[LB-13-Comp 3-10-15]

Nitrobenzene-d5

17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-26RE1[LB-02-Comp 2-4-9.2], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], 17B0503-54[LB-13-Comp 3-10-15]

S-19

Surrogate recovery is outside of control limits, matrix interference suspected. Reanalysis yielded similar surrogate non-conformance.

Analyte & Samples(s) Qualified:**2,4,6-Tribromophenol**

17B0503-02[LB-15-Comp 1-0-4], 17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4]

2-Fluorophenol

17B0503-02[LB-15-Comp 1-0-4], 17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4]

V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

Analyte & Samples(s) Qualified:**Benzidine**

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-24[LB-01-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-27[LB-03-Comp 1-0-4], 17B0503-28[LB-03-Comp 2-4-9.9], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], 17B0503-51[LB-28-Comp 2-4-11], 17B0503-52[LB-29-Comp 1-0-4], 17B0503-53[LB-29-Comp 2-4-9.3], 17B0503-54[LB-13-Comp 3-10-15], B170235-BLK1, B170235-BS1, B170235-BSD1, B170411-BLK1, B170411-BS1, B170411-BSD1, B170411-MS1, B170411-MSD1, B170675-BLK1, B170675-BS1, B170675-BSD1

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], B170411-BLK1, B170411-BS1, B170411-BSD1, B170411-MS1, B170411-MSD1, B170675-BLK1, B170675-BS1, B170675-BSD1

4,6-Dinitro-2-methylphenol

17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], B170675-BLK1, B170675-BS1, B170675-BSD1

4-Chloroaniline

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-19[LB-13-Comp 1-0-4], B170411-BLK1, B170411-BS1, B170411-BSD1, B170411-MS1, B170411-MSD1

Aniline

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-24[LB-01-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-27[LB-03-Comp 1-0-4], 17B0503-28[LB-03-Comp 2-4-9.9], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], 17B0503-51[LB-28-Comp 2-4-11], 17B0503-53[LB-29-Comp 2-4-9.3], 17B0503-54[LB-13-Comp 3-10-15], B170411-BLK1, B170411-BS1, B170411-BSD1, B170411-MS1, B170411-MSD1, B170675-BLK1, B170675-BS1, B170675-BSD1

Benzidine

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-24[LB-01-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-27[LB-03-Comp 1-0-4], 17B0503-28[LB-03-Comp 2-4-9.9], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], 17B0503-51[LB-28-Comp 2-4-11], 17B0503-52[LB-29-Comp 1-0-4], 17B0503-53[LB-29-Comp 2-4-9.3], 17B0503-54[LB-13-Comp 3-10-15], B170235-BLK1, B170235-BS1, B170235-BSD1, B170411-BLK1, B170411-BS1, B170411-BSD1, B170411-MS1, B170411-MSD1, B170675-BLK1, B170675-BS1, B170675-BSD1

Benzo(g,h,i)perylene

17B0503-52[LB-29-Comp 1-0-4]

Benzo(k)fluoranthene

17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], B170675-BLK1, B170675-BS1, B170675-BSD1

Benzoic Acid

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-19[LB-13-Comp 1-0-4], B170411-BLK1, B170411-BS1, B170411-BSD1, B170411-MS1, B170411-MSD1

Dibenz(a,h)anthracene

17B0503-52[LB-29-Comp 1-0-4]

Di-n-octylphthalate

17B0503-23[LB-01-Comp 1-0-4], 17B0503-24[LB-01-Comp 2-4-9.8], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-27[LB-03-Comp 1-0-4], 17B0503-28[LB-03-Comp 2-4-9.9], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-51[LB-28-Comp 2-4-11], 17B0503-53[LB-29-Comp 2-4-9.3], 17B0503-54[LB-13-Comp 3-10-15]

Hexachlorobenzene

17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], B170675-BLK1, B170675-BS1, B170675-BSD1

Hexachlorocyclopentadiene

17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-18[LB-12-Comp 2-4-9]

Indeno(1,2,3-cd)pyrene

17B0503-52[LB-29-Comp 1-0-4]

Pentachlorophenol

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-19[LB-13-Comp 1-0-4], B170411-BLK1, B170411-BS1, B170411-BSD1, B170411-MS1, B170411-MSD1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**Pentachloronitrobenzene**

17B0503-01[LB-14-Comp 1-0-4], 17B0503-02[LB-15-Comp 1-0-4], 17B0503-02RE1[LB-15-Comp 1-0-4], 17B0503-03[LB-14-Comp 2-4-10.5], 17B0503-04[LB-15-Comp 2-4-8.5], 17B0503-05[LB-18-Comp 1-0-4], 17B0503-05RE1[LB-18-Comp 1-0-4], 17B0503-06[LB-26-Comp 1-0-4], 17B0503-07[LB-26-Comp 2-4-7.8], 17B0503-08[LB-27-Comp 1-0-4], 17B0503-09[LB-27-Comp 2-4-10.3], 17B0503-10[LB-28-Comp 1-0-4], 17B0503-11[LB-08-Comp 1-0-4], 17B0503-12[LB-08-Comp 2-4-10.2], 17B0503-13[LB-09-Comp 1-0-4], 17B0503-14[LB-09-Comp 2-4-10.7], 17B0503-15[LB-11-Comp 2-4-9], 17B0503-16[LB-11-Comp 1-0-4], 17B0503-17[LB-12-Comp 1-0-4], 17B0503-18[LB-12-Comp 2-4-9], 17B0503-19[LB-13-Comp 1-0-4], 17B0503-20RE1[LB-13-Comp 2-4-9.8], 17B0503-23[LB-01-Comp 1-0-4], 17B0503-24[LB-01-Comp 2-4-9.8], 17B0503-25RE1[LB-02-Comp 1-0-4], 17B0503-26[LB-02-Comp 2-4-9.2], 17B0503-27[LB-03-Comp 1-0-4], 17B0503-28[LB-03-Comp 2-4-9.9], 17B0503-29[LB-07-Comp 1-0-4], 17B0503-30RE1[LB-07-Comp 2-4-9.7], 17B0503-51[LB-28-Comp 2-4-11], 17B0503-52[LB-29-Comp 1-0-4], 17B0503-53[LB-29-Comp 2-4-9.3], 17B0503-54[LB-13-Comp 3-10-15], B170235-BLK1, B170235-BS1, B170235-BSD1, B170411-BLK1, B170411-BS1, B170411-BSD1, B170411-MS1, B170411-MSD1, B170675-BLK1, B170675-BS1, B170675-BSD1

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 1-0-4

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.25	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Acetophenone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Aniline	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Anthracene	0.40	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Benzidine	ND	0.83	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Benzo(a)anthracene	1.3	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Benzo(a)pyrene	1.5	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Benzo(b)fluoranthene	2.3	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Benzo(g,h,i)perylene	2.2	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Benzo(k)fluoranthene	0.73	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
4-Chloroaniline	ND	0.83	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 17:45	BGL
4-Chloro-3-methylphenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Chrysene	1.6	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Dibenz(a,h)anthracene	0.50	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
1,2-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
1,3-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
1,4-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2,4-Dinitrophenol	ND	0.83	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Fluoranthene	2.6	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Fluorene	0.23	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 1-0-4

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Indeno(1,2,3-cd)pyrene	2.1	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
1-Methylnaphthalene	0.55	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2-Methylnaphthalene	0.76	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Naphthalene	0.52	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
4-Nitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
N-Nitrosodimethylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Phenanthrene	1.5	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Pyrene	3.8	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 17:45	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		43.9	30-130					2/16/17 17:45	
Phenol-d6		46.2	30-130					2/16/17 17:45	
Nitrobenzene-d5		46.5	30-130					2/16/17 17:45	
2-Fluorobiphenyl		50.0	30-130					2/16/17 17:45	
2,4,6-Tribromophenol		54.6	30-130					2/16/17 17:45	
p-Terphenyl-d14		69.7	30-130					2/16/17 17:45	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 1-0-4

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Aroclor-1254 [2]	12	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Aroclor-1260 [2]	1.5	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:00	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 16:00	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 16:00	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 16:00	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 16:00	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 1-0-4

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	18	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:30	SHN
Barium	250	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:30	SHN
Cadmium	3.1	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:30	SHN
Chromium	330	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:30	SHN
Lead	420	0.90		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:30	SHN
Mercury	0.11	0.031		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 9:35	TJK
Selenium	5.4	6.0	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 12:30	SHN
Silver	1.3	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:30	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 1-0-4

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.8		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 1-0-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Aniline	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Aniline	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Benzidine	ND	0.72	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Benzidine	ND	0.71	mg/Kg dry	1	V-04, V-05	SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Benzo(a)anthracene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Benzo(a)anthracene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Benzo(a)pyrene	0.33	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Benzo(a)pyrene	0.31	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Benzo(b)fluoranthene	0.57	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Benzo(b)fluoranthene	0.54	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Benzo(g,h,i)perylene	0.34	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Benzo(g,h,i)perylene	0.25	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Benzo(k)fluoranthene	0.19	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Benzo(k)fluoranthene	0.20	0.18	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 18:09	BGL
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 1-0-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Chrysene	0.43	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Chrysene	0.43	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Fluoranthene	0.60	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Fluoranthene	0.69	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 1-0-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Indeno(1,2,3-cd)pyrene	0.35	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Indeno(1,2,3-cd)pyrene	0.27	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 1-0-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Phenanthrene	0.44	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Phenanthrene	0.52	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Pyrene	0.52	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Pyrene	0.55	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:09	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:32	BGL
Surrogates	% Recovery		Recovery Limits	Flag/Qual					
2-Fluorophenol	5.26	*	30-130	S-19		2/16/17 18:09			
2-Fluorophenol	12.4	*	30-130	S-19		2/19/17 14:32			
Phenol-d6	46.6		30-130			2/16/17 18:09			
Phenol-d6	50.1		30-130			2/19/17 14:32			
Nitrobenzene-d5	79.6		30-130			2/16/17 18:09			
Nitrobenzene-d5	73.1		30-130			2/19/17 14:32			
2-Fluorobiphenyl	95.4		30-130			2/16/17 18:09			
2-Fluorobiphenyl	81.8		30-130			2/19/17 14:32			
2,4,6-Tribromophenol	0.345	*	30-130	S-19		2/16/17 18:09			
2,4,6-Tribromophenol	25.4	*	30-130	S-19		2/19/17 14:32			
p-Terphenyl-d14	97.3		30-130			2/16/17 18:09			
p-Terphenyl-d14	79.6		30-130			2/19/17 14:32			

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 1-0-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Aldrin [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
alpha-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
beta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
delta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
4,4'-DDD [1]	ND	0.0011	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
4,4'-DDE [1]	ND	0.0011	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
4,4'-DDT [1]	ND	0.0011	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Dieldrin [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Endosulfan I [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Endosulfan II [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Endosulfan sulfate [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Endrin [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Endrin aldehyde [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Endrin ketone [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Heptachlor [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Heptachlor epoxide [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Hexachlorobenzene [1]	ND	0.0065	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Methoxychlor [1]	ND	0.054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:06	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		81.4	30-150					2/15/17 23:06	
Decachlorobiphenyl [2]		88.3	30-150					2/15/17 23:06	
Tetrachloro-m-xylene [1]		82.5	30-150					2/15/17 23:06	
Tetrachloro-m-xylene [2]		80.4	30-150					2/15/17 23:06	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 1-0-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Aroclor-1242 [1]	1.2	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:38	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		108	30-150					2/15/17 22:38	
Decachlorobiphenyl [2]		101	30-150					2/15/17 22:38	
Tetrachloro-m-xylene [1]		98.4	30-150					2/15/17 22:38	
Tetrachloro-m-xylene [2]		98.6	30-150					2/15/17 22:38	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 1-0-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	6500	2.6		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Antimony	56	2.6		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Arsenic	ND	2.6		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Barium	240	2.6		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Beryllium	2.3	0.26		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Cadmium	3.1	0.26		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Calcium	150000	79		mg/Kg dry	10		SW-846 6010C-D	2/16/17	2/20/17 14:01	QNW
Chromium	1300	0.53		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Cobalt	5.2	2.6		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Copper	110	0.53		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Iron	110000	130		mg/Kg dry	50		SW-846 6010C-D	2/16/17	2/20/17 13:51	QNW
Lead	340	0.79		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Magnesium	48000	160		mg/Kg dry	20		SW-846 6010C-D	2/16/17	2/20/17 13:57	QNW
Manganese	29000	5.3		mg/Kg dry	10		SW-846 6010C-D	2/16/17	2/20/17 14:01	QNW
Mercury	0.071	0.027		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 9:37	TJK
Nickel	23	0.53		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Potassium	470	110		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Selenium	ND	5.3	1.2	mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Silver	ND	0.53		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Sodium	450	110		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Thallium	ND	2.6		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Vanadium	440	1.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW
Zinc	890	1.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:30	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 1-0-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.84	0.50	mg/Kg dry	1		SW-846 9014	2/15/17	2/16/17 19:45	DJM
% Solids	92.3		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 2-4-10.5

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Acetophenone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Aniline	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Benzidine	ND	0.84	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Benzo(a)anthracene	0.44	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Benzo(a)pyrene	0.42	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Benzo(b)fluoranthene	0.66	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Benzo(g,h,i)perylene	0.45	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Benzo(k)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
4-Chloroaniline	ND	0.84	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 18:33	BGL
4-Chloro-3-methylphenol	ND	0.84	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Chrysene	0.49	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
1,2-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
1,3-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
1,4-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2,4-Dinitrophenol	ND	0.84	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Fluoranthene	1.2	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 2-4-10.5

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-03

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Indeno(1,2,3-cd)pyrene	0.38	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
1-Methylnaphthalene	0.36	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2-Methylnaphthalene	0.51	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Naphthalene	0.43	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
4-Nitrophenol	ND	0.84	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
N-Nitrosodimethylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Phenanthrene	0.90	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Pyrene	1.3	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:33	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		44.5	30-130					2/16/17 18:33	
Phenol-d6		58.2	30-130					2/16/17 18:33	
Nitrobenzene-d5		35.0	30-130					2/16/17 18:33	
2-Fluorobiphenyl		63.9	30-130					2/16/17 18:33	
2,4,6-Tribromophenol		15.8	30-130	*	S-07			2/16/17 18:33	
p-Terphenyl-d14		81.1	30-130					2/16/17 18:33	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 2-4-10.5

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Aroclor-1221 [1]	ND	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Aroclor-1232 [1]	ND	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Aroclor-1242 [1]	ND	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Aroclor-1248 [1]	ND	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Aroclor-1254 [2]	3.8	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Aroclor-1260 [1]	ND	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Aroclor-1262 [1]	ND	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Aroclor-1268 [1]	ND	0.64	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 16:17	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		84.7	30-150					2/18/17 16:17	
Decachlorobiphenyl [2]		90.5	30-150					2/18/17 16:17	
Tetrachloro-m-xylene [1]		93.6	30-150					2/18/17 16:17	
Tetrachloro-m-xylene [2]		90.7	30-150					2/18/17 16:17	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 2-4-10.5

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.0	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:35	SHN
Barium	360	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:35	SHN
Cadmium	2.6	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:35	SHN
Chromium	82	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:35	SHN
Lead	660	0.90		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:35	SHN
Mercury	0.11	0.031		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 9:38	TJK
Selenium	5.4	6.0	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 12:35	SHN
Silver	ND	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:35	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-Comp 2-4-10.5

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 2-4-8.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Acetophenone	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Aniline	ND	0.44	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Benzidine	ND	0.85	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Benzo(a)anthracene	0.44	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Benzo(a)pyrene	0.51	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Benzo(b)fluoranthene	0.62	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Benzo(g,h,i)perylene	0.42	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Benzo(k)fluoranthene	0.25	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Bis(2-chloroethoxy)methane	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Bis(2-chloroethyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Bis(2-chloroisopropyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
4-Bromophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Butylbenzylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
4-Chloroaniline	ND	0.85	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 18:57	BGL
4-Chloro-3-methylphenol	ND	0.85	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2-Chloronaphthalene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2-Chlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
4-Chlorophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Chrysene	0.48	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Dibenzofuran	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Di-n-butylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
1,2-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
1,3-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
1,4-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2,4-Dichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Diethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2,4-Dimethylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Dimethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
4,6-Dinitro-2-methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2,4-Dinitrophenol	ND	0.85	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2,4-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2,6-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Di-n-octylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Fluoranthene	0.89	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 2-4-8.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-04

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Hexachlorobutadiene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Hexachlorocyclopentadiene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Hexachloroethane	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Indeno(1,2,3-cd)pyrene	0.39	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Isophorone	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
1-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
3/4-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
3-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
4-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Nitrobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2-Nitrophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
4-Nitrophenol	ND	0.85	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
N-Nitrosodimethylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
N-Nitrosodiphenylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
N-Nitrosodi-n-propylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Pentachloronitrobenzene	ND	0.44	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Pentachlorophenol	ND	0.44	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Phenanthrene	0.58	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Phenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Pyrene	0.83	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Pyridine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
1,2,4-Trichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2,4,5-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
2,4,6-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 18:57	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		49.7	30-130					2/16/17 18:57	
Phenol-d6		76.2	30-130					2/16/17 18:57	
Nitrobenzene-d5		68.5	30-130					2/16/17 18:57	
2-Fluorobiphenyl		76.1	30-130					2/16/17 18:57	
2,4,6-Tribromophenol		12.6	30-130		S-07			2/16/17 18:57	
p-Terphenyl-d14		75.8	30-130					2/16/17 18:57	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 2-4-8.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-04

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.026	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Aldrin [1]	ND	0.0026	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
alpha-BHC [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
beta-BHC [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
delta-BHC [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
gamma-BHC (Lindane) [1]	ND	0.0026	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Chlordane [1]	ND	0.026	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
4,4'-DDD [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
4,4'-DDE [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
4,4'-DDT [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Dieldrin [1]	ND	0.0026	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Endosulfan I [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Endosulfan II [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Endosulfan sulfate [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Endrin [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Endrin aldehyde [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/13/17	2/15/17 23:33	PJG
Endrin ketone [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Heptachlor [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Heptachlor epoxide [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Hexachlorobenzene [1]	ND	0.0077	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Methoxychlor [1]	ND	0.064	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Toxaphene [1]	ND	0.13	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 14:44	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		74.3	30-150					2/16/17 14:44	
Decachlorobiphenyl [2]		77.5	30-150					2/16/17 14:44	
Tetrachloro-m-xylene [1]		71.1	30-150					2/16/17 14:44	
Tetrachloro-m-xylene [2]		73.5	30-150					2/16/17 14:44	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 2-4-8.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Aroclor-1242 [1]	0.25	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Aroclor-1254 [1]	1.2	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 22:56	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		102	30-150					2/15/17 22:56	
Decachlorobiphenyl [2]		96.2	30-150					2/15/17 22:56	
Tetrachloro-m-xylene [1]		88.7	30-150					2/15/17 22:56	
Tetrachloro-m-xylene [2]		89.0	30-150					2/15/17 22:56	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 2-4-8.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	13000	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Antimony	19	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Arsenic	10	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Barium	210	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Beryllium	1.2	0.30		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Cadmium	0.44	0.30		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Calcium	83000	45		mg/Kg dry	5		SW-846 6010C-D	2/16/17	2/20/17 14:19	QNW
Chromium	430	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Cobalt	11	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Copper	62	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Iron	51000	30		mg/Kg dry	10		SW-846 6010C-D	2/16/17	2/20/17 14:15	QNW
Lead	92	0.90		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Magnesium	22000	45		mg/Kg dry	5		SW-846 6010C-D	2/16/17	2/20/17 14:19	QNW
Manganese	5300	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Mercury	0.042	0.032		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 9:39	TJK
Nickel	94	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Potassium	1900	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Selenium	4.6	6.0	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Silver	1.4	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Sodium	250	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Thallium	ND	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Vanadium	100	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW
Zinc	240	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 16:57	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-Comp 2-4-8.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	3.2	0.63	mg/Kg dry	1		SW-846 9014	2/15/17	2/16/17 19:45	DJM
% Solids	78.1		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-Comp 1-0-4

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.24	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Acenaphthene	0.20	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Aniline	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Aniline	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Anthracene	0.31	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Anthracene	0.25	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Benzidine	ND	0.72	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Benzidine	ND	0.71	mg/Kg dry	1	V-04, V-05	SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Benzo(a)anthracene	0.45	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Benzo(a)anthracene	0.36	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Benzo(a)pyrene	0.30	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Benzo(a)pyrene	0.23	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Benzo(b)fluoranthene	0.42	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Benzo(b)fluoranthene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 19:22	BGL
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-Comp 1-0-4

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Chrysene	0.40	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Chrysene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Fluoranthene	1.1	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Fluoranthene	0.88	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-Comp 1-0-4

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Indeno(1,2,3-cd)pyrene	0.20	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Naphthalene	0.30	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Naphthalene	0.26	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-Comp 1-0-4

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Phenanthrene	1.4	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Phenanthrene	1.1	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Pyrene	0.88	0.18	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Pyrene	0.66	0.18	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:22	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/17/17	2/19/17 14:57	BGL
Surrogates	% Recovery		Recovery Limits	Flag/Qual					
2-Fluorophenol	28.2	*	30-130	S-19		2/16/17 19:22			
2-Fluorophenol	28.1	*	30-130	S-19		2/19/17 14:57			
Phenol-d6	64.3		30-130			2/16/17 19:22			
Phenol-d6	50.4		30-130			2/19/17 14:57			
Nitrobenzene-d5	68.0		30-130			2/16/17 19:22			
Nitrobenzene-d5	52.1		30-130			2/19/17 14:57			
2-Fluorobiphenyl	85.1		30-130			2/16/17 19:22			
2-Fluorobiphenyl	65.5		30-130			2/19/17 14:57			
2,4,6-Tribromophenol	3.82	*	30-130	S-19		2/16/17 19:22			
2,4,6-Tribromophenol	28.3	*	30-130	S-19		2/19/17 14:57			
p-Terphenyl-d14	85.1		30-130			2/16/17 19:22			
p-Terphenyl-d14	66.1		30-130			2/19/17 14:57			

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-Comp 1-0-4

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-05

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Aldrin [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
alpha-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
beta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
delta-BHC [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
4,4'-DDD [1]	ND	0.0011	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
4,4'-DDE [1]	ND	0.0011	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
4,4'-DDT [1]	ND	0.0011	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Dieldrin [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Endosulfan I [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Endosulfan II [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Endosulfan sulfate [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Endrin [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Endrin aldehyde [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Endrin ketone [1]	ND	0.0087	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Heptachlor [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Heptachlor epoxide [1]	ND	0.0054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Hexachlorobenzene [1]	ND	0.0065	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Methoxychlor [1]	ND	0.054	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:00	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		70.3	30-150					2/16/17 0:00	
Decachlorobiphenyl [2]		74.6	30-150					2/16/17 0:00	
Tetrachloro-m-xylene [1]		66.8	30-150					2/16/17 0:00	
Tetrachloro-m-xylene [2]		65.4	30-150					2/16/17 0:00	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-Comp 1-0-4

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	2/13/17	2/16/17 11:36	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		77.0	30-150					2/16/17 11:36	
Decachlorobiphenyl [2]		66.3	30-150					2/16/17 11:36	
Tetrachloro-m-xylene [1]		78.7	30-150					2/16/17 11:36	
Tetrachloro-m-xylene [2]		72.3	30-150					2/16/17 11:36	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-Comp 1-0-4

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	5000	2.7		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Antimony	ND	2.7		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Arsenic	7.8	2.7		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Barium	20	2.7		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Beryllium	0.38	0.27		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Cadmium	0.38	0.27		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Calcium	40000	16		mg/Kg dry	2		SW-846 6010C-D	2/16/17	2/20/17 16:18	QNW
Chromium	11	0.54		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Cobalt	6.0	2.7		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Copper	26	0.54		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Iron	16000	13		mg/Kg dry	5		SW-846 6010C-D	2/16/17	2/20/17 16:13	QNW
Lead	12	0.80		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Magnesium	3900	8.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Manganese	340	0.54		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Mercury	ND	0.027		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:24	TJK
Nickel	20	0.54		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Potassium	750	110		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Selenium	ND	5.4	1.2	mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Silver	0.79	0.54		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Sodium	ND	110		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Thallium	ND	2.7		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Vanadium	11	1.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW
Zinc	62	1.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:01	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-Comp 1-0-4

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.51	mg/Kg dry	1		SW-846 9014	2/15/17	2/16/17 19:45	DJM
% Solids	92.3		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 1-0-4

Sampled: 2/9/2017 14:05

Sample ID: 17B0503-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Aniline	ND	0.41	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Anthracene	0.22	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Benzidine	ND	0.79	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Benzo(a)anthracene	0.70	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Benzo(a)pyrene	0.69	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Benzo(b)fluoranthene	0.96	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Benzo(g,h,i)perylene	0.75	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Benzo(k)fluoranthene	0.33	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Butylbenzylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
4-Chloroaniline	ND	0.79	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 19:46	BGL
4-Chloro-3-methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
4-Chlorophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Chrysene	0.76	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Dibenzofuran	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Dimethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
4,6-Dinitro-2-methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2,4-Dinitrophenol	ND	0.79	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Di-n-octylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Fluoranthene	1.5	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 1-0-4

Sampled: 2/9/2017 14:05

Sample ID: 17B0503-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Hexachlorocyclopentadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Hexachloroethane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Indeno(1,2,3-cd)pyrene	0.67	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
1-Methylnaphthalene	0.40	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2-Methylnaphthalene	0.51	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Naphthalene	0.41	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
3-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
4-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Nitrobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
4-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
N-Nitrosodimethylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
N-Nitrosodiphenylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
N-Nitrosodi-n-propylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Pentachloronitrobenzene	ND	0.41	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Pentachlorophenol	ND	0.41	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Phenanthrene	1.2	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Pyrene	1.5	0.20	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Pyridine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 19:46	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		48.6	30-130					2/16/17 19:46	
Phenol-d6		50.8	30-130					2/16/17 19:46	
Nitrobenzene-d5		49.2	30-130					2/16/17 19:46	
2-Fluorobiphenyl		55.8	30-130					2/16/17 19:46	
2,4,6-Tribromophenol		54.3	30-130					2/16/17 19:46	
p-Terphenyl-d14		63.3	30-130					2/16/17 19:46	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 1-0-4

Sampled: 2/9/2017 14:05

Sample ID: 17B0503-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Aroclor-1221 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Aroclor-1232 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Aroclor-1242 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Aroclor-1248 [2]	0.67	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Aroclor-1254 [2]	3.2	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Aroclor-1260 [1]	0.52	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Aroclor-1262 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Aroclor-1268 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 16:35	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	91.2		30-150				2/18/17 16:35		
Decachlorobiphenyl [2]	98.0		30-150				2/18/17 16:35		
Tetrachloro-m-xylene [1]	101		30-150				2/18/17 16:35		
Tetrachloro-m-xylene [2]	94.8		30-150				2/18/17 16:35		

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 1-0-4

Sampled: 2/9/2017 14:05

Sample ID: 17B0503-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:40	SHN
Barium	140	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:40	SHN
Cadmium	1.5	0.29		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:40	SHN
Chromium	190	0.58		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:40	SHN
Lead	190	0.86		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:40	SHN
Mercury	0.15	0.030		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:25	TJK
Selenium	ND	5.8	1.3	mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:40	SHN
Silver	ND	0.58		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:40	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 1-0-4

Sampled: 2/9/2017 14:05

Sample ID: 17B0503-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 2-4-7.8

Sampled: 2/9/2017 14:10

Sample ID: 17B0503-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Aniline	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Benzidine	ND	0.81	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Benzo(a)anthracene	0.23	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Benzo(a)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Benzo(b)fluoranthene	0.28	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
4-Chloroaniline	ND	0.81	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 20:10	BGL
4-Chloro-3-methylphenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Chrysene	0.24	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2,4-Dinitrophenol	ND	0.81	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Fluoranthene	0.48	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 2-4-7.8

Sampled: 2/9/2017 14:10

Sample ID: 17B0503-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
4-Nitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Phenanthrene	0.41	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Pyrene	0.47	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:10	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		68.6	30-130					2/16/17 20:10	
Phenol-d6		73.7	30-130					2/16/17 20:10	
Nitrobenzene-d5		54.9	30-130					2/16/17 20:10	
2-Fluorobiphenyl		74.6	30-130					2/16/17 20:10	
2,4,6-Tribromophenol		83.3	30-130					2/16/17 20:10	
p-Terphenyl-d14		80.6	30-130					2/16/17 20:10	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 2-4-7.8

Sampled: 2/9/2017 14:10

Sample ID: 17B0503-07

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Aroclor-1254 [2]	6.0	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Aroclor-1260 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 16:53	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 16:53	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 16:53	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 16:53	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 16:53	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 2-4-7.8

Sampled: 2/9/2017 14:10

Sample ID: 17B0503-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:45	SHN
Barium	150	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:45	SHN
Cadmium	1.2	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:45	SHN
Chromium	110	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:45	SHN
Lead	82	0.90		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:45	SHN
Mercury	0.075	0.030		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:27	TJK
Selenium	3.0	6.0	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 12:45	SHN
Silver	ND	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:45	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-Comp 2-4-7.8

Sampled: 2/9/2017 14:10

Sample ID: 17B0503-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.0		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 1-0-4

Sampled: 2/9/2017 14:35

Sample ID: 17B0503-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.55	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Aniline	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Anthracene	0.73	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Benzidine	ND	0.81	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Benzo(a)anthracene	2.2	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Benzo(a)pyrene	1.8	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Benzo(b)fluoranthene	2.4	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Benzo(g,h,i)perylene	1.8	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Benzo(k)fluoranthene	0.82	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Carbazole	0.44	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
4-Chloroaniline	ND	0.81	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 20:34	BGL
4-Chloro-3-methylphenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Chrysene	2.1	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Dibenz(a,h)anthracene	0.43	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Dibenzofuran	1.2	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2,4-Dinitrophenol	ND	0.81	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Fluoranthene	4.8	0.83	mg/Kg dry	4		SW-846 8270D	2/14/17	2/17/17 19:01	BGL
Fluorene	0.70	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 1-0-4

Sampled: 2/9/2017 14:35

Sample ID: 17B0503-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Indeno(1,2,3-cd)pyrene	1.8	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
1-Methylnaphthalene	1.9	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2-Methylnaphthalene	2.6	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Naphthalene	1.9	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
4-Nitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Phenanthrene	4.7	0.83	mg/Kg dry	4		SW-846 8270D	2/14/17	2/17/17 19:01	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
Pyrene	4.3	0.83	mg/Kg dry	4		SW-846 8270D	2/14/17	2/17/17 19:01	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 20:34	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	48.1	30-130	2/16/17 20:34
2-Fluorophenol	46.7	30-130	2/17/17 19:01
Phenol-d6	49.8	30-130	2/16/17 20:34
Phenol-d6	49.7	30-130	2/17/17 19:01
Nitrobenzene-d5	46.8	30-130	2/16/17 20:34
Nitrobenzene-d5	47.1	30-130	2/17/17 19:01
2-Fluorobiphenyl	55.9	30-130	2/16/17 20:34
2-Fluorobiphenyl	55.7	30-130	2/17/17 19:01
2,4,6-Tribromophenol	55.5	30-130	2/16/17 20:34
2,4,6-Tribromophenol	48.3	30-130	2/17/17 19:01
p-Terphenyl-d14	69.5	30-130	2/16/17 20:34
p-Terphenyl-d14	50.4	30-130	2/17/17 19:01

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 1-0-4

Sampled: 2/9/2017 14:35

Sample ID: 17B0503-08

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Aroclor-1254 [2]	7.7	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Aroclor-1260 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:10	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 17:10	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 17:10	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 17:10	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 17:10	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 1-0-4

Sampled: 2/9/2017 14:35

Sample ID: 17B0503-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.4	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:50	SHN
Barium	1800	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:50	SHN
Cadmium	6.6	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:50	SHN
Chromium	650	0.61		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:50	SHN
Lead	680	0.91		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:50	SHN
Mercury	0.17	0.030		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:28	TJK
Selenium	3.9	6.1	1.4	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 12:50	SHN
Silver	1.9	0.61		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:50	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 1-0-4

Sampled: 2/9/2017 14:35

Sample ID: 17B0503-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.5		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 2-4-10.3

Sampled: 2/9/2017 14:40

Sample ID: 17B0503-09

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.59	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Acenaphthylene	ND	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Acetophenone	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Aniline	ND	0.80	mg/Kg dry	2	V-05	SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Anthracene	0.95	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Benzidine	ND	1.6	mg/Kg dry	2	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Benzo(a)anthracene	1.6	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Benzo(a)pyrene	1.1	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Benzo(b)fluoranthene	1.4	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Benzo(g,h,i)perylene	ND	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Benzo(k)fluoranthene	0.53	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Benzoic Acid	ND	2.4	mg/Kg dry	2	L-04	SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Bis(2-chloroethoxy)methane	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Bis(2-chloroethyl)ether	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Bis(2-chloroisopropyl)ether	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
4-Bromophenylphenylether	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Butylbenzylphthalate	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Carbazole	ND	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
4-Chloroaniline	ND	1.6	mg/Kg dry	2	R-05	SW-846 8270D	2/14/17	2/17/17 18:13	BGL
4-Chloro-3-methylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2-Chloronaphthalene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2-Chlorophenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
4-Chlorophenylphenylether	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Chrysene	1.4	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Dibenz(a,h)anthracene	ND	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Dibenzofuran	1.3	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Di-n-butylphthalate	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
1,2-Dichlorobenzene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
1,3-Dichlorobenzene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
1,4-Dichlorobenzene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
3,3-Dichlorobenzidine	ND	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2,4-Dichlorophenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Diethylphthalate	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2,4-Dimethylphenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Dimethylphthalate	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
4,6-Dinitro-2-methylphenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2,4-Dinitrophenol	ND	1.6	mg/Kg dry	2	V-05	SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2,4-Dinitrotoluene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2,6-Dinitrotoluene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Di-n-octylphthalate	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Fluoranthene	3.0	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Fluorene	0.86	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 2-4-10.3

Sampled: 2/9/2017 14:40

Sample ID: 17B0503-09

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Hexachlorobutadiene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Hexachlorocyclopentadiene	ND	0.80	mg/Kg dry	2	V-05	SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Hexachloroethane	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Indeno(1,2,3-cd)pyrene	0.49	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Isophorone	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
1-Methylnaphthalene	2.1	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2-Methylnaphthalene	3.0	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2-Methylphenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
3/4-Methylphenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Naphthalene	2.2	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2-Nitroaniline	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
3-Nitroaniline	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
4-Nitroaniline	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Nitrobenzene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2-Nitrophenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
4-Nitrophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
N-Nitrosodimethylamine	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
N-Nitrosodiphenylamine	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
N-Nitrosodi-n-propylamine	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Pentachloronitrobenzene	ND	0.80	mg/Kg dry	2	V-16	SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Pentachlorophenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Phenanthrene	4.4	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Phenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Pyrene	2.5	0.40	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Pyridine	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
1,2,4-Trichlorobenzene	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2,4,5-Trichlorophenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
2,4,6-Trichlorophenol	ND	0.80	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:13	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		47.2	30-130					2/17/17 18:13	
Phenol-d6		62.5	30-130					2/17/17 18:13	
Nitrobenzene-d5		28.8	* 30-130		S-07			2/17/17 18:13	
2-Fluorobiphenyl		75.8	30-130					2/17/17 18:13	
2,4,6-Tribromophenol		15.8	* 30-130		S-07			2/17/17 18:13	
p-Terphenyl-d14		71.0	30-130					2/17/17 18:13	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 2-4-10.3

Sampled: 2/9/2017 14:40

Sample ID: 17B0503-09

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Aroclor-1254 [2]	7.5	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Aroclor-1260 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:28	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 17:28	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 17:28	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 17:28	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 17:28	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 2-4-10.3

Sampled: 2/9/2017 14:40

Sample ID: 17B0503-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.2	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:55	SHN
Barium	660	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:55	SHN
Cadmium	2.2	0.29		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:55	SHN
Chromium	260	0.59		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:55	SHN
Lead	280	0.88		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:55	SHN
Mercury	0.20	0.029		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:29	TJK
Selenium	4.3	5.9	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 12:55	SHN
Silver	0.65	0.59		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 12:55	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-Comp 2-4-10.3

Sampled: 2/9/2017 14:40

Sample ID: 17B0503-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 1-0-4

Sampled: 2/9/2017 14:55

Sample ID: 17B0503-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	5.0	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Acenaphthylene	0.35	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Acetophenone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Aniline	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Anthracene	8.7	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Benzidine	ND	0.83	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Benzo(a)anthracene	30	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Benzo(a)pyrene	26	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Benzo(b)fluoranthene	33	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Benzo(g,h,i)perylene	12	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Benzo(k)fluoranthene	13	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Carbazole	5.3	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
4-Chloroaniline	ND	0.83	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 21:22	BGL
4-Chloro-3-methylphenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Chrysene	29	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Dibenz(a,h)anthracene	3.9	2.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/22/17 8:16	BGL
Dibenzofuran	2.1	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
1,2-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
1,3-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
1,4-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2,4-Dinitrophenol	ND	0.83	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Fluoranthene	55	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Fluorene	3.6	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 1-0-4

Sampled: 2/9/2017 14:55

Sample ID: 17B0503-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Indeno(1,2,3-cd)pyrene	15	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
1-Methylnaphthalene	0.63	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2-Methylnaphthalene	0.75	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Naphthalene	1.7	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
4-Nitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
N-Nitrosodimethylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Phenanthrene	38	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
Pyrene	51	4.3	mg/Kg dry	20		SW-846 8270D	2/14/17	2/17/17 19:25	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:22	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	Date/Time Analyzed
2-Fluorophenol	50.1	30-130		2/16/17 21:22
2-Fluorophenol	50.4	30-130		2/22/17 8:16
2-Fluorophenol	*	30-130	S-01	2/17/17 19:25
Phenol-d6	56.6	30-130		2/16/17 21:22
Phenol-d6	56.6	30-130		2/22/17 8:16
Phenol-d6	*	30-130	S-01	2/17/17 19:25
Nitrobenzene-d5	61.0	30-130		2/16/17 21:22
Nitrobenzene-d5	61.6	30-130		2/22/17 8:16
Nitrobenzene-d5	*	30-130	S-01	2/17/17 19:25
2-Fluorobiphenyl	67.6	30-130		2/16/17 21:22
2-Fluorobiphenyl	66.8	30-130		2/22/17 8:16
2-Fluorobiphenyl	*	30-130	S-01	2/17/17 19:25
2,4,6-Tribromophenol	60.7	30-130		2/16/17 21:22
2,4,6-Tribromophenol	51.0	30-130		2/22/17 8:16
2,4,6-Tribromophenol	*	30-130	S-01	2/17/17 19:25

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 1-0-4

Sampled: 2/9/2017 14:55

Sample ID: 17B0503-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
p-Terphenyl-d14		76.6	30-130				2/16/17	21:22	
p-Terphenyl-d14		63.9	30-130				2/22/17	8:16	
p-Terphenyl-d14		*	30-130		S-01		2/17/17	19:25	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 1-0-4

Sampled: 2/9/2017 14:55

Sample ID: 17B0503-10

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Aroclor-1254 [2]	7.5	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Aroclor-1260 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 17:46	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 17:46	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 17:46	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 17:46	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 17:46	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 1-0-4

Sampled: 2/9/2017 14:55

Sample ID: 17B0503-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.8	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 17:55	SHN
Barium	400	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 17:55	SHN
Cadmium	5.4	0.31		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 17:55	SHN
Chromium	680	0.63		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 17:55	SHN
Lead	280	0.94		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 17:55	SHN
Mercury	0.23	0.031		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:31	TJK
Selenium	ND	6.3	1.4	mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 17:55	SHN
Silver	12	0.63		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 17:55	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 1-0-4

Sampled: 2/9/2017 14:55

Sample ID: 17B0503-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.6		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 1-0-4

Sampled: 2/10/2017 09:10

Sample ID: 17B0503-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Aniline	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Anthracene	0.40	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Benzidine	ND	0.82	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Benzo(a)anthracene	1.2	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Benzo(a)pyrene	0.98	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Benzo(b)fluoranthene	1.3	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Benzo(g,h,i)perylene	0.68	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Benzo(k)fluoranthene	0.45	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
4-Chloroaniline	ND	0.82	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 21:47	BGL
4-Chloro-3-methylphenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Chrysene	1.3	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2,4-Dinitrophenol	ND	0.82	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Fluoranthene	2.5	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Fluorene	0.22	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 1-0-4

Sampled: 2/10/2017 09:10

Sample ID: 17B0503-11

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Indeno(1,2,3-cd)pyrene	0.76	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
1-Methylnaphthalene	0.24	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2-Methylnaphthalene	0.27	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Naphthalene	0.26	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
4-Nitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Phenanthrene	2.0	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Pyrene	2.4	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 21:47	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	42.4	30-130	
Phenol-d6	54.1	30-130	
Nitrobenzene-d5	57.9	30-130	
2-Fluorobiphenyl	64.0	30-130	
2,4,6-Tribromophenol	17.0	30-130	S-07
p-Terphenyl-d14	65.9	30-130	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 1-0-4

Sampled: 2/10/2017 09:10

Sample ID: 17B0503-11

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Aroclor-1254 [2]	11	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Aroclor-1260 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:03	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 18:03	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 18:03	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 18:03	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 18:03	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 1-0-4

Sampled: 2/10/2017 09:10

Sample ID: 17B0503-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	24	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:00	SHN
Barium	270	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:00	SHN
Cadmium	1.6	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:00	SHN
Chromium	170	0.61		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:00	SHN
Lead	180	0.91		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:00	SHN
Mercury	0.23	0.031		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:32	TJK
Selenium	4.6	6.1	1.4	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:00	SHN
Silver	ND	0.61		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:00	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 1-0-4

Sampled: 2/10/2017 09:10

Sample ID: 17B0503-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 2-4-10.2

Sampled: 2/10/2017 09:20

Sample ID: 17B0503-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Aniline	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Benzidine	ND	0.81	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Benzo(a)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Benzo(a)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Benzo(b)fluoranthene	0.22	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
4-Chloroaniline	ND	0.81	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 22:11	BGL
4-Chloro-3-methylphenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Chrysene	0.25	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2,4-Dinitrophenol	ND	0.81	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Fluoranthene	0.43	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 2-4-10.2

Sampled: 2/10/2017 09:20

Sample ID: 17B0503-12

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
4-Nitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Phenanthrene	0.44	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Pyrene	0.40	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:11	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		45.7	30-130					2/16/17 22:11	
Phenol-d6		47.2	30-130					2/16/17 22:11	
Nitrobenzene-d5		45.6	30-130					2/16/17 22:11	
2-Fluorobiphenyl		53.0	30-130					2/16/17 22:11	
2,4,6-Tribromophenol		47.7	30-130					2/16/17 22:11	
p-Terphenyl-d14		54.5	30-130					2/16/17 22:11	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 2-4-10.2

Sampled: 2/10/2017 09:20

Sample ID: 17B0503-12

Sample Matrix: Soil

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.12	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Aldrin [1]	ND	0.012	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
alpha-BHC [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
beta-BHC [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
delta-BHC [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
gamma-BHC (Lindane) [1]	ND	0.012	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Chlordane [1]	ND	0.12	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
4,4'-DDD [1]	ND	0.0062	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
4,4'-DDE [1]	ND	0.0062	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
4,4'-DDT [1]	ND	0.0062	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Dieldrin [1]	ND	0.012	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Endosulfan I [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Endosulfan II [1]	ND	0.049	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Endosulfan sulfate [1]	ND	0.049	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Endrin [1]	ND	0.049	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Endrin aldehyde [1]	ND	0.0099	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:27	PJG
Endrin ketone [1]	ND	0.049	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Heptachlor [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Heptachlor epoxide [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Hexachlorobenzene [1]	ND	0.037	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Methoxychlor [1]	ND	0.31	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Toxaphene [1]	ND	0.62	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 15:11	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		71.9	30-150					2/16/17 15:11	
Decachlorobiphenyl [2]		82.0	30-150					2/16/17 15:11	
Tetrachloro-m-xylene [1]		78.2	30-150					2/16/17 15:11	
Tetrachloro-m-xylene [2]		78.3	30-150					2/16/17 15:11	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 2-4-10.2

Sampled: 2/10/2017 09:20

Sample ID: 17B0503-12

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Aroclor-1254 [1]	0.28	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/13/17	2/15/17 23:32	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	88.4		30-150				2/15/17 23:32		
Decachlorobiphenyl [2]	80.5		30-150				2/15/17 23:32		
Tetrachloro-m-xylene [1]	89.0		30-150				2/15/17 23:32		
Tetrachloro-m-xylene [2]	89.1		30-150				2/15/17 23:32		

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 2-4-10.2

Sampled: 2/10/2017 09:20

Sample ID: 17B0503-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	6900	2.9		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Antimony	100	2.9		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Arsenic	16	2.9		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Barium	370	2.9		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Beryllium	0.51	0.29		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Cadmium	0.31	0.29		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Calcium	15000	8.8		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Chromium	60	0.59		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Cobalt	9.5	2.9		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Copper	260	0.59		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Iron	71000	59		mg/Kg dry	20		SW-846 6010C-D	2/16/17	2/20/17 16:28	QNW
Lead	970	0.88		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Magnesium	4500	8.8		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Manganese	670	0.59		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Mercury	0.10	0.031		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:33	TJK
Nickel	48	0.59		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Potassium	950	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Selenium	ND	5.9	1.3	mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Silver	2.4	0.59		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Sodium	ND	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Thallium	ND	2.9		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Vanadium	21	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW
Zinc	200	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:05	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-Comp 2-4-10.2

Sampled: 2/10/2017 09:20

Sample ID: 17B0503-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.69	0.54	mg/Kg dry	1		SW-846 9014	2/15/17	2/16/17 19:45	DJM
% Solids	81.1		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 1-0-4

Sampled: 2/9/2017 15:40

Sample ID: 17B0503-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	1.9	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Acetophenone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Aniline	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Anthracene	2.7	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Benzidine	ND	0.84	mg/Kg dry	1	V-04, V-05, R-05	SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Benzo(a)anthracene	5.1	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 19:49	BGL
Benzo(a)pyrene	4.6	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Benzo(b)fluoranthene	5.8	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 19:49	BGL
Benzo(g,h,i)perylene	3.6	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Benzo(k)fluoranthene	2.1	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Carbazole	1.5	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
4-Chloroaniline	ND	0.84	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 22:35	BGL
4-Chloro-3-methylphenol	ND	0.84	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Chrysene	5.5	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 19:49	BGL
Dibenz(a,h)anthracene	0.96	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Dibenzofuran	1.3	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
1,2-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
1,3-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
1,4-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2,4-Dinitrophenol	ND	0.84	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Fluoranthene	13	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 19:49	BGL
Fluorene	2.7	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 1-0-4

Sampled: 2/9/2017 15:40

Sample ID: 17B0503-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Indeno(1,2,3-cd)pyrene	4.2	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
1-Methylnaphthalene	3.1	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2-Methylnaphthalene	4.5	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Naphthalene	1.1	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
4-Nitrophenol	ND	0.84	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
N-Nitrosodimethylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Phenanthrene	14	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 19:49	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Pyrene	10	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 19:49	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:35	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		42.5	30-130					2/16/17 22:35	
2-Fluorophenol		38.7	30-130					2/17/17 19:49	
Phenol-d6		52.2	30-130					2/16/17 22:35	
Phenol-d6		49.1	30-130					2/17/17 19:49	
Nitrobenzene-d5		35.4	30-130					2/16/17 22:35	
Nitrobenzene-d5		37.5	30-130					2/17/17 19:49	
2-Fluorobiphenyl		56.4	30-130					2/16/17 22:35	
2-Fluorobiphenyl		56.2	30-130					2/17/17 19:49	
2,4,6-Tribromophenol		13.0	30-130		S-07			2/16/17 22:35	
2,4,6-Tribromophenol		9.92	30-130		S-07			2/17/17 19:49	
p-Terphenyl-d14		82.5	30-130					2/16/17 22:35	
p-Terphenyl-d14		50.8	30-130					2/17/17 19:49	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 1-0-4

Sampled: 2/9/2017 15:40

Sample ID: 17B0503-13

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Aroclor-1254 [1]	8.3	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Aroclor-1260 [1]	1.4	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 18:21	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	*		30-150		S-01	2/18/17 18:21			
Decachlorobiphenyl [2]	*		30-150		S-01	2/18/17 18:21			
Tetrachloro-m-xylene [1]	*		30-150		S-01	2/18/17 18:21			
Tetrachloro-m-xylene [2]	*		30-150		S-01	2/18/17 18:21			

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 1-0-4

Sampled: 2/9/2017 15:40

Sample ID: 17B0503-13

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	8.1	3.2		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:05	SHN
Barium	89	3.2		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:05	SHN
Cadmium	1.7	0.32		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:05	SHN
Chromium	310	0.63		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:05	SHN
Lead	170	0.95		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:05	SHN
Mercury	0.065	0.032		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:35	TJK
Selenium	ND	6.3	1.4	mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:05	SHN
Silver	ND	0.63		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:05	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 1-0-4

Sampled: 2/9/2017 15:40

Sample ID: 17B0503-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.2		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 2-4-10.7

Sampled: 2/9/2017 15:50

Sample ID: 17B0503-14

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.68	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Acetophenone	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Aniline	ND	0.45	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Anthracene	1.1	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Benzidine	ND	0.86	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Benzo(a)anthracene	2.2	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Benzo(a)pyrene	1.5	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Benzo(b)fluoranthene	2.0	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Benzo(g,h,i)perylene	1.1	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Benzo(k)fluoranthene	0.66	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Bis(2-chloroethoxy)methane	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Bis(2-chloroethyl)ether	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Bis(2-chloroisopropyl)ether	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
4-Bromophenylphenylether	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Butylbenzylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Carbazole	0.27	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
4-Chloroaniline	ND	0.86	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 22:59	BGL
4-Chloro-3-methylphenol	ND	0.86	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2-Chloronaphthalene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2-Chlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
4-Chlorophenylphenylether	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Chrysene	2.1	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Dibenzofuran	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Di-n-butylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
1,2-Dichlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
1,3-Dichlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
1,4-Dichlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2,4-Dichlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Diethylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2,4-Dimethylphenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Dimethylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
4,6-Dinitro-2-methylphenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2,4-Dinitrophenol	ND	0.86	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2,4-Dinitrotoluene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2,6-Dinitrotoluene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Di-n-octylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Fluoranthene	4.6	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Fluorene	0.88	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 2-4-10.7

Sampled: 2/9/2017 15:50

Sample ID: 17B0503-14

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Hexachlorobutadiene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Hexachlorocyclopentadiene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Hexachloroethane	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Indeno(1,2,3-cd)pyrene	1.2	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Isophorone	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
1-Methylnaphthalene	0.97	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2-Methylnaphthalene	1.5	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2-Methylphenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
3/4-Methylphenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Naphthalene	0.47	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2-Nitroaniline	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
3-Nitroaniline	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
4-Nitroaniline	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Nitrobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2-Nitrophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
4-Nitrophenol	ND	0.86	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
N-Nitrosodimethylamine	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
N-Nitrosodiphenylamine	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
N-Nitrosodi-n-propylamine	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Pentachloronitrobenzene	ND	0.45	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Pentachlorophenol	ND	0.45	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Phenanthrene	5.2	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Phenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Pyrene	5.2	0.22	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Pyridine	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
1,2,4-Trichlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2,4,5-Trichlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
2,4,6-Trichlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 22:59	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		49.9	30-130					2/16/17 22:59	
Phenol-d6		57.9	30-130					2/16/17 22:59	
Nitrobenzene-d5		49.1	30-130					2/16/17 22:59	
2-Fluorobiphenyl		57.7	30-130					2/16/17 22:59	
2,4,6-Tribromophenol		19.3	30-130		S-07			2/16/17 22:59	
p-Terphenyl-d14		65.1	30-130					2/16/17 22:59	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 2-4-10.7

Sampled: 2/9/2017 15:50

Sample ID: 17B0503-14

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Aroclor-1254 [1]	0.26	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 1:13	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	77.3		30-150				2/18/17 1:13		
Decachlorobiphenyl [2]	76.1		30-150				2/18/17 1:13		
Tetrachloro-m-xylene [1]	89.3		30-150				2/18/17 1:13		
Tetrachloro-m-xylene [2]	89.6		30-150				2/18/17 1:13		

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 2-4-10.7

Sampled: 2/9/2017 15:50

Sample ID: 17B0503-14

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.1	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:10	SHN
Barium	2200	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:10	SHN
Cadmium	2.4	0.31		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:10	SHN
Chromium	80	0.63		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:10	SHN
Lead	380	0.94		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:10	SHN
Mercury	0.81	0.16		mg/Kg dry	5		SW-846 7471B	2/16/17	2/17/17 10:53	TJK
Selenium	4.7	6.3	1.4	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:10	SHN
Silver	0.99	0.63		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:10	SHN

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-Comp 2-4-10.7

Sampled: 2/9/2017 15:50

Sample ID: 17B0503-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 2-4-9

Sampled: 2/9/2017 11:15

Sample ID: 17B0503-15

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.40	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Aniline	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Anthracene	0.65	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Benzidine	ND	0.81	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Benzo(a)anthracene	1.6	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Benzo(a)pyrene	1.2	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Benzo(b)fluoranthene	1.6	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Benzo(g,h,i)perylene	0.85	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Benzo(k)fluoranthene	0.53	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Carbazole	0.36	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
4-Chloroaniline	ND	0.81	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 23:23	BGL
4-Chloro-3-methylphenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Chrysene	1.9	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2,4-Dinitrophenol	ND	0.81	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Fluoranthene	2.4	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Fluorene	0.57	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 2-4-9

Sampled: 2/9/2017 11:15

Sample ID: 17B0503-15

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Indeno(1,2,3-cd)pyrene	0.96	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
1-Methylnaphthalene	0.31	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2-Methylnaphthalene	0.57	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Naphthalene	0.56	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
4-Nitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Phenanthrene	3.0	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Pyrene	3.6	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:23	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		55.2	30-130					2/16/17 23:23	
Phenol-d6		59.1	30-130					2/16/17 23:23	
Nitrobenzene-d5		39.5	30-130					2/16/17 23:23	
2-Fluorobiphenyl		66.8	30-130					2/16/17 23:23	
2,4,6-Tribromophenol		65.0	30-130					2/16/17 23:23	
p-Terphenyl-d14		87.4	30-130					2/16/17 23:23	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 2-4-9

Sampled: 2/9/2017 11:15

Sample ID: 17B0503-15

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Aroclor-1254 [2]	10	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Aroclor-1260 [2]	2.0	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/14/17	2/18/17 19:26	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 19:26	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 19:26	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 19:26	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 19:26	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 2-4-9

Sampled: 2/9/2017 11:15

Sample ID: 17B0503-15

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:15	SHN
Barium	1500	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:15	SHN
Cadmium	3.0	0.29		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:15	SHN
Chromium	220	0.58		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:15	SHN
Lead	590	0.88		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:15	SHN
Mercury	0.47	0.030		mg/Kg dry	1		SW-846 7471B	2/16/17	2/17/17 10:41	TJK
Selenium	3.3	5.8	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:15	SHN
Silver	1.3	0.58		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:15	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 2-4-9

Sampled: 2/9/2017 11:15

Sample ID: 17B0503-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 1-0-4

Sampled: 2/9/2017 11:10

Sample ID: 17B0503-16

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Aniline	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Benzidine	ND	0.82	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Benzo(a)anthracene	0.52	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Benzo(a)pyrene	0.41	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Benzo(b)fluoranthene	0.55	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Benzo(g,h,i)perylene	0.29	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	L-04, V-05	SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
4-Chloroaniline	ND	0.82	mg/Kg dry	1	R-05, V-05	SW-846 8270D	2/14/17	2/16/17 23:47	BGL
4-Chloro-3-methylphenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Chrysene	0.52	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2,4-Dinitrophenol	ND	0.82	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Fluoranthene	1.0	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 1-0-4

Sampled: 2/9/2017 11:10

Sample ID: 17B0503-16

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Indeno(1,2,3-cd)pyrene	0.32	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
1-Methylnaphthalene	0.40	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2-Methylnaphthalene	0.53	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Naphthalene	0.38	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
4-Nitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Phenanthrene	0.96	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Pyrene	1.1	0.21	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/14/17	2/16/17 23:47	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		76.4	30-130					2/16/17 23:47	
Phenol-d6		79.7	30-130					2/16/17 23:47	
Nitrobenzene-d5		69.8	30-130					2/16/17 23:47	
2-Fluorobiphenyl		71.4	30-130					2/16/17 23:47	
2,4,6-Tribromophenol		86.0	30-130					2/16/17 23:47	
p-Terphenyl-d14		81.4	30-130					2/16/17 23:47	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 1-0-4

Sampled: 2/9/2017 11:10

Sample ID: 17B0503-16

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.62	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Aldrin [1]	ND	0.062	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
alpha-BHC [1]	ND	0.16	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
beta-BHC [1]	ND	0.16	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
delta-BHC [1]	ND	0.16	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
gamma-BHC (Lindane) [1]	ND	0.062	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Chlordane [1]	ND	0.62	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
4,4'-DDD [1]	ND	0.031	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
4,4'-DDE [1]	ND	0.031	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
4,4'-DDT [1]	ND	0.031	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Dieldrin [1]	ND	0.062	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Endosulfan I [1]	ND	0.16	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Endosulfan II [1]	ND	0.25	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Endosulfan sulfate [1]	ND	0.25	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Endrin [1]	ND	0.25	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Endrin aldehyde [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 0:54	PJG
Endrin ketone [1]	ND	0.25	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Heptachlor [1]	ND	0.16	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Heptachlor epoxide [1]	ND	0.16	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Hexachlorobenzene [1]	ND	0.19	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Methoxychlor [1]	ND	1.6	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Toxaphene [1]	ND	3.1	mg/Kg dry	25		SW-846 8081B	2/13/17	2/16/17 15:37	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		74.1	30-150					2/16/17 15:37	
Decachlorobiphenyl [2]		84.5	30-150					2/16/17 15:37	
Tetrachloro-m-xylene [1]		80.4	30-150					2/16/17 15:37	
Tetrachloro-m-xylene [2]		85.6	30-150					2/16/17 15:37	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 1-0-4

Sampled: 2/9/2017 11:10

Sample ID: 17B0503-16

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Aroclor-1221 [1]	ND	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Aroclor-1232 [1]	ND	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Aroclor-1242 [1]	ND	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Aroclor-1248 [1]	ND	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Aroclor-1254 [1]	4.0	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Aroclor-1260 [1]	1.1	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Aroclor-1262 [1]	ND	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Aroclor-1268 [1]	ND	0.62	mg/Kg dry	25		SW-846 8082A	2/13/17	2/16/17 11:00	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		105	30-150					2/16/17 11:00	
Decachlorobiphenyl [2]		98.1	30-150					2/16/17 11:00	
Tetrachloro-m-xylene [1]		96.3	30-150					2/16/17 11:00	
Tetrachloro-m-xylene [2]		103	30-150					2/16/17 11:00	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 1-0-4

Sampled: 2/9/2017 11:10

Sample ID: 17B0503-16

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Antimony	67	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Arsenic	25	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Barium	170	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Beryllium	1.1	0.30		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Cadmium	0.42	0.30		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Calcium	50000	18		mg/Kg dry	2		SW-846 6010C-D	2/16/17	2/20/17 16:43	QNW
Chromium	670	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Cobalt	14	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Copper	79	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Iron	54000	30		mg/Kg dry	10		SW-846 6010C-D	2/16/17	2/20/17 16:33	QNW
Lead	690	0.91		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Magnesium	13000	45		mg/Kg dry	5		SW-846 6010C-D	2/16/17	2/20/17 16:38	QNW
Manganese	930	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Mercury	0.090	0.031		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 9:36	TJK
Nickel	140	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Potassium	2100	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Selenium	ND	6.0	1.4	mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Silver	1.7	0.60		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Sodium	200	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Thallium	ND	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Vanadium	45	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW
Zinc	140	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:10	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-11-Comp 1-0-4

Sampled: 2/9/2017 11:10

Sample ID: 17B0503-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.57	mg/Kg dry	1		SW-846 9014	2/15/17	2/16/17 19:45	DJM
% Solids	80.0		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 1-0-4

Sampled: 2/9/2017 10:35

Sample ID: 17B0503-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	1.9	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Acenaphthylene	ND	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Acetophenone	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Aniline	ND	2.2	mg/Kg dry	5	V-05	SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Anthracene	3.1	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Benzidine	ND	4.2	mg/Kg dry	5	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Benzo(a)anthracene	8.0	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Benzo(a)pyrene	5.8	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Benzo(b)fluoranthene	7.3	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Benzo(g,h,i)perylene	4.0	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Benzo(k)fluoranthene	3.0	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Benzoic Acid	ND	6.4	mg/Kg dry	5	L-04, V-05	SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Bis(2-chloroethoxy)methane	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Bis(2-chloroethyl)ether	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Bis(2-chloroisopropyl)ether	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
4-Bromophenylphenylether	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Butylbenzylphthalate	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Carbazole	ND	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
4-Chloroaniline	ND	4.2	mg/Kg dry	5	R-05, V-05	SW-846 8270D	2/14/17	2/17/17 0:11	BGL
4-Chloro-3-methylphenol	ND	4.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2-Chloronaphthalene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2-Chlorophenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
4-Chlorophenylphenylether	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Chrysene	7.8	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Dibenz(a,h)anthracene	ND	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Dibenzofuran	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Di-n-butylphthalate	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
1,2-Dichlorobenzene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
1,3-Dichlorobenzene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
1,4-Dichlorobenzene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
3,3-Dichlorobenzidine	ND	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2,4-Dichlorophenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Diethylphthalate	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2,4-Dimethylphenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Dimethylphthalate	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
4,6-Dinitro-2-methylphenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2,4-Dinitrophenol	ND	4.2	mg/Kg dry	5	V-05	SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2,4-Dinitrotoluene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2,6-Dinitrotoluene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Di-n-octylphthalate	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Fluoranthene	19	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Fluorene	2.6	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 1-0-4

Sampled: 2/9/2017 10:35

Sample ID: 17B0503-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Hexachlorobutadiene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Hexachlorocyclopentadiene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Hexachloroethane	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Indeno(1,2,3-cd)pyrene	4.6	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Isophorone	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
1-Methylnaphthalene	ND	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2-Methylnaphthalene	ND	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2-Methylphenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
3/4-Methylphenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Naphthalene	ND	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2-Nitroaniline	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
3-Nitroaniline	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
4-Nitroaniline	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Nitrobenzene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2-Nitrophenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
4-Nitrophenol	ND	4.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
N-Nitrosodimethylamine	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
N-Nitrosodiphenylamine	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
N-Nitrosodi-n-propylamine	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Pentachloronitrobenzene	ND	2.2	mg/Kg dry	5	V-16	SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Pentachlorophenol	ND	2.2	mg/Kg dry	5	V-05	SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Phenanthrene	16	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Phenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Pyrene	20	1.1	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Pyridine	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
1,2,4,5-Tetrachlorobenzene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
1,2,4-Trichlorobenzene	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2,4,5-Trichlorophenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
2,4,6-Trichlorophenol	ND	2.2	mg/Kg dry	5		SW-846 8270D	2/14/17	2/17/17 0:11	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		71.7	30-130					2/17/17 0:11	
Phenol-d6		72.4	30-130					2/17/17 0:11	
Nitrobenzene-d5		54.8	30-130					2/17/17 0:11	
2-Fluorobiphenyl		76.3	30-130					2/17/17 0:11	
2,4,6-Tribromophenol		75.0	30-130					2/17/17 0:11	
p-Terphenyl-d14		90.9	30-130					2/17/17 0:11	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 1-0-4

Sampled: 2/9/2017 10:35

Sample ID: 17B0503-17

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Aroclor-1221 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Aroclor-1232 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Aroclor-1242 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Aroclor-1248 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Aroclor-1254 [2]	18	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Aroclor-1260 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Aroclor-1262 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Aroclor-1268 [1]	ND	2.6	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 19:44	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 19:44	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 19:44	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 19:44	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 19:44	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 1-0-4

Sampled: 2/9/2017 10:35

Sample ID: 17B0503-17

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.4	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:20	SHN
Barium	240	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:20	SHN
Cadmium	3.9	0.31		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:20	SHN
Chromium	250	0.62		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:20	SHN
Lead	140	0.93		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:20	SHN
Mercury	0.22	0.031		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 9:37	TJK
Selenium	2.6	6.2	1.4	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:20	SHN
Silver	9.3	0.62		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:20	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 1-0-4

Sampled: 2/9/2017 10:35

Sample ID: 17B0503-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.7		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 2-4-9

Sampled: 2/9/2017 10:45

Sample ID: 17B0503-18

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Acenaphthylene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Acetophenone	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Aniline	ND	0.85	mg/Kg dry	2	V-05	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Anthracene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Benzidine	ND	1.7	mg/Kg dry	2	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Benzo(a)anthracene	0.83	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Benzo(a)pyrene	0.71	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Benzo(b)fluoranthene	1.0	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Benzo(g,h,i)perylene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Benzo(k)fluoranthene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Benzoic Acid	ND	2.5	mg/Kg dry	2	L-04, MS-09	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Bis(2-chloroethoxy)methane	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Bis(2-chloroethyl)ether	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Bis(2-chloroisopropyl)ether	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
4-Bromophenylphenylether	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Butylbenzylphthalate	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Carbazole	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
4-Chloroaniline	ND	1.7	mg/Kg dry	2	R-05	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
4-Chloro-3-methylphenol	ND	1.7	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2-Chloronaphthalene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2-Chlorophenol	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
4-Chlorophenylphenylether	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Chrysene	0.94	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Dibenz(a,h)anthracene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Dibenzofuran	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Di-n-butylphthalate	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
1,2-Dichlorobenzene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
1,3-Dichlorobenzene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
1,4-Dichlorobenzene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
3,3-Dichlorobenzidine	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2,4-Dichlorophenol	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Diethylphthalate	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2,4-Dimethylphenol	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Dimethylphthalate	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
4,6-Dinitro-2-methylphenol	ND	0.85	mg/Kg dry	2	MS-09	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2,4-Dinitrophenol	ND	1.7	mg/Kg dry	2	MS-09, V-05	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2,4-Dinitrotoluene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2,6-Dinitrotoluene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Di-n-octylphthalate	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Fluoranthene	2.1	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Fluorene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 2-4-9

Sampled: 2/9/2017 10:45

Sample ID: 17B0503-18

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Hexachlorobutadiene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Hexachlorocyclopentadiene	ND	0.85	mg/Kg dry	2	MS-09, V-05	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Hexachloroethane	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Indeno(1,2,3-cd)pyrene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Isophorone	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
1-Methylnaphthalene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2-Methylnaphthalene	0.46	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2-Methylphenol	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
3/4-Methylphenol	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Naphthalene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2-Nitroaniline	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
3-Nitroaniline	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
4-Nitroaniline	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Nitrobenzene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2-Nitrophenol	ND	0.85	mg/Kg dry	2	MS-09	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
4-Nitrophenol	ND	1.7	mg/Kg dry	2	MS-09	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
N-Nitrosodimethylamine	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
N-Nitrosodiphenylamine	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
N-Nitrosodi-n-propylamine	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Pentachloronitrobenzene	ND	0.85	mg/Kg dry	2	V-16	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Pentachlorophenol	ND	0.85	mg/Kg dry	2	MS-09	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Phenanthrene	2.0	0.43	mg/Kg dry	2	MS-09	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Phenol	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Pyrene	1.6	0.43	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Pyridine	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
1,2,4-Trichlorobenzene	ND	0.85	mg/Kg dry	2		SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2,4,5-Trichlorophenol	ND	0.85	mg/Kg dry	2	MS-09	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
2,4,6-Trichlorophenol	ND	0.85	mg/Kg dry	2	MS-09	SW-846 8270D	2/14/17	2/17/17 18:36	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		51.9	30-130					2/17/17 18:36	
Phenol-d6		73.4	30-130					2/17/17 18:36	
Nitrobenzene-d5		34.8	30-130					2/17/17 18:36	
2-Fluorobiphenyl		83.8	30-130					2/17/17 18:36	
2,4,6-Tribromophenol		13.2	30-130		S-07			2/17/17 18:36	
p-Terphenyl-d14		76.7	30-130					2/17/17 18:36	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 2-4-9

Sampled: 2/9/2017 10:45

Sample ID: 17B0503-18

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Aroclor-1254 [1]	1.0	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/14/17	2/18/17 4:40	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		76.8	30-150					2/18/17 4:40	
Decachlorobiphenyl [2]		69.1	30-150					2/18/17 4:40	
Tetrachloro-m-xylene [1]		89.4	30-150					2/18/17 4:40	
Tetrachloro-m-xylene [2]		87.5	30-150					2/18/17 4:40	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 2-4-9

Sampled: 2/9/2017 10:45

Sample ID: 17B0503-18

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.3	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 14:57	SHN
Barium	270	3.1		mg/Kg dry	1	R-02	SW-846 6010C-D	2/17/17	2/20/17 14:57	SHN
Cadmium	3.2	0.31		mg/Kg dry	1	R-02	SW-846 6010C-D	2/17/17	2/20/17 14:57	SHN
Chromium	170	0.63		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 14:57	SHN
Lead	570	0.94		mg/Kg dry	1	R-02	SW-846 6010C-D	2/17/17	2/20/17 14:57	SHN
Mercury	0.24	0.031		mg/Kg dry	1	R-02	SW-846 7471B	2/17/17	2/20/17 9:35	TJK
Selenium	4.3	6.3	1.4	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 14:57	SHN
Silver	ND	0.63		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 14:57	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-Comp 2-4-9

Sampled: 2/9/2017 10:45

Sample ID: 17B0503-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.6		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 1-0-4

Sampled: 2/9/2017 10:05

Sample ID: 17B0503-19

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	33	2.0	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Acenaphthylene	33	2.0	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Acetophenone	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Aniline	ND	4.1	mg/Kg dry	10	V-05	SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Anthracene	100	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Benzidine	ND	7.9	mg/Kg dry	10	R-05, V-04, V-05	SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Benzo(a)anthracene	130	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Benzo(a)pyrene	110	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Benzo(b)fluoranthene	120	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Benzo(g,h,i)perylene	44	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Benzo(k)fluoranthene	45	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Benzoic Acid	ND	12	mg/Kg dry	10	L-04, V-05	SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Bis(2-chloroethoxy)methane	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Bis(2-chloroethyl)ether	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Bis(2-chloroisopropyl)ether	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Bis(2-Ethylhexyl)phthalate	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
4-Bromophenylphenylether	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Butylbenzylphthalate	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Carbazole	33	2.0	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
4-Chloroaniline	ND	7.9	mg/Kg dry	10	R-05, V-05	SW-846 8270D	2/14/17	2/17/17 0:59	BGL
4-Chloro-3-methylphenol	ND	7.9	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2-Chloronaphthalene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2-Chlorophenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
4-Chlorophenylphenylether	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Chrysene	120	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Dibenz(a,h)anthracene	21	2.0	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Dibenzofuran	44	41	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Di-n-butylphthalate	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
1,2-Dichlorobenzene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
1,3-Dichlorobenzene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
1,4-Dichlorobenzene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
3,3-Dichlorobenzidine	ND	2.0	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2,4-Dichlorophenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Diethylphthalate	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2,4-Dimethylphenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Dimethylphthalate	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
4,6-Dinitro-2-methylphenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2,4-Dinitrophenol	ND	7.9	mg/Kg dry	10	V-05	SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2,4-Dinitrotoluene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2,6-Dinitrotoluene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Di-n-octylphthalate	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Fluoranthene	320	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Fluorene	65	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 1-0-4

Sampled: 2/9/2017 10:05

Sample ID: 17B0503-19

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Hexachlorobutadiene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Hexachlorocyclopentadiene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Hexachloroethane	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Indeno(1,2,3-cd)pyrene	51	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Isophorone	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
1-Methylnaphthalene	14	2.0	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2-Methylnaphthalene	21	2.0	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2-Methylphenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
3/4-Methylphenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Naphthalene	27	2.0	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2-Nitroaniline	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
3-Nitroaniline	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
4-Nitroaniline	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Nitrobenzene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2-Nitrophenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
4-Nitrophenol	ND	7.9	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
N-Nitrosodimethylamine	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
N-Nitrosodiphenylamine	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
N-Nitrosodi-n-propylamine	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Pentachloronitrobenzene	ND	4.1	mg/Kg dry	10	V-16	SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Pentachlorophenol	ND	4.1	mg/Kg dry	10	V-05	SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Phenanthrene	370	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Phenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
Pyrene	290	20	mg/Kg dry	100		SW-846 8270D	2/14/17	2/17/17 20:13	BGL
Pyridine	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
1,2,4,5-Tetrachlorobenzene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
1,2,4-Trichlorobenzene	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2,4,5-Trichlorophenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL
2,4,6-Trichlorophenol	ND	4.1	mg/Kg dry	10		SW-846 8270D	2/14/17	2/17/17 0:59	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	Date/Time Analyzed
2-Fluorophenol	58.7	30-130		2/17/17 0:59
2-Fluorophenol	*	30-130	S-01	2/17/17 20:13
Phenol-d6	64.3	30-130		2/17/17 0:59
Phenol-d6	*	30-130	S-01	2/17/17 20:13
Nitrobenzene-d5	60.2	30-130		2/17/17 0:59
Nitrobenzene-d5	*	30-130	S-01	2/17/17 20:13
2-Fluorobiphenyl	73.4	30-130		2/17/17 0:59
2-Fluorobiphenyl	*	30-130	S-01	2/17/17 20:13
2,4,6-Tribromophenol	72.3	30-130		2/17/17 0:59
2,4,6-Tribromophenol	*	30-130	S-01	2/17/17 20:13
p-Terphenyl-d14	87.5	30-130		2/17/17 0:59
p-Terphenyl-d14	*	30-130	S-01	2/17/17 20:13

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 1-0-4

Sampled: 2/9/2017 10:05

Sample ID: 17B0503-19

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Aroclor-1221 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Aroclor-1232 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Aroclor-1242 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Aroclor-1248 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Aroclor-1254 [2]	25	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Aroclor-1260 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Aroclor-1262 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Aroclor-1268 [1]	ND	4.8	mg/Kg dry	200		SW-846 8082A	2/14/17	2/18/17 20:01	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 20:01	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 20:01	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 20:01	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 20:01	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 1-0-4

Sampled: 2/9/2017 10:05

Sample ID: 17B0503-19

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.8	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:25	SHN
Barium	430	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:25	SHN
Cadmium	1.7	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:25	SHN
Chromium	210	0.59		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:25	SHN
Lead	290	0.89		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:25	SHN
Mercury	0.14	0.029		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 9:39	TJK
Selenium	3.3	5.9	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:25	SHN
Silver	3.4	0.59		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:25	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 1-0-4

Sampled: 2/9/2017 10:05

Sample ID: 17B0503-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.2		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 2-4-9.8

Sampled: 2/9/2017 10:15

Sample ID: 17B0503-20

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Acenaphthylene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Acetophenone	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Aniline	ND	0.84	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Anthracene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Benzidine	ND	1.6	mg/Kg dry	2	V-04, V-05	SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Benzo(a)anthracene	0.77	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Benzo(a)pyrene	0.67	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Benzo(b)fluoranthene	1.3	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Benzo(g,h,i)perylene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Benzo(k)fluoranthene	ND	0.42	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Benzoic Acid	ND	2.5	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Bis(2-chloroethoxy)methane	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Bis(2-chloroethyl)ether	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Bis(2-chloroisopropyl)ether	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
4-Bromophenylphenylether	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Butylbenzylphthalate	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Carbazole	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
4-Chloroaniline	ND	1.6	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
4-Chloro-3-methylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2-Chloronaphthalene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2-Chlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
4-Chlorophenylphenylether	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Chrysene	0.83	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Dibenz(a,h)anthracene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Dibenzofuran	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Di-n-butylphthalate	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
1,2-Dichlorobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
1,3-Dichlorobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
1,4-Dichlorobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
3,3-Dichlorobenzidine	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2,4-Dichlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Diethylphthalate	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2,4-Dimethylphenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Dimethylphthalate	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
4,6-Dinitro-2-methylphenol	ND	0.84	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2,4-Dinitrophenol	ND	1.6	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2,4-Dinitrotoluene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2,6-Dinitrotoluene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Di-n-octylphthalate	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Fluoranthene	2.1	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Fluorene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 2-4-9.8

Sampled: 2/9/2017 10:15

Sample ID: 17B0503-20

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.84	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Hexachlorobutadiene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Hexachlorocyclopentadiene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Hexachloroethane	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Indeno(1,2,3-cd)pyrene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Isophorone	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
1-Methylnaphthalene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2-Methylnaphthalene	ND	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2-Methylphenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
3/4-Methylphenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Naphthalene	0.43	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2-Nitroaniline	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
3-Nitroaniline	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
4-Nitroaniline	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Nitrobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2-Nitrophenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
4-Nitrophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
N-Nitrosodimethylamine	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
N-Nitrosodiphenylamine	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
N-Nitrosodi-n-propylamine	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Pentachloronitrobenzene	ND	0.84	mg/Kg dry	2	V-16	SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Pentachlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Phenanthrene	1.4	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Phenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Pyrene	1.7	0.42	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Pyridine	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
1,2,4-Trichlorobenzene	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2,4,5-Trichlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
2,4,6-Trichlorophenol	ND	0.84	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:21	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		43.3	30-130					2/19/17 15:21	
Phenol-d6		51.5	30-130					2/19/17 15:21	
Nitrobenzene-d5		42.4	30-130					2/19/17 15:21	
2-Fluorobiphenyl		59.0	30-130					2/19/17 15:21	
2,4,6-Tribromophenol		24.3	30-130		S-07			2/19/17 15:21	
p-Terphenyl-d14		60.0	30-130					2/19/17 15:21	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 2-4-9.8

Sampled: 2/9/2017 10:15

Sample ID: 17B0503-20

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Aroclor-1221 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Aroclor-1232 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Aroclor-1242 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Aroclor-1248 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Aroclor-1254 [2]	3.9	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Aroclor-1260 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Aroclor-1262 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Aroclor-1268 [1]	ND	0.61	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 20:19	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	79.0		30-150				2/18/17 20:19		
Decachlorobiphenyl [2]	85.2		30-150				2/18/17 20:19		
Tetrachloro-m-xylene [1]	92.2		30-150				2/18/17 20:19		
Tetrachloro-m-xylene [2]	87.1		30-150				2/18/17 20:19		

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 2-4-9.8

Sampled: 2/9/2017 10:15

Sample ID: 17B0503-20

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	12	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:31	SHN
Barium	720	3.1		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:31	SHN
Cadmium	5.2	0.31		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:31	SHN
Chromium	300	0.61		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:31	SHN
Lead	1200	0.92		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:31	SHN
Mercury	0.21	0.030		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 9:40	TJK
Selenium	4.7	6.1	1.4	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:31	SHN
Silver	2.4	0.61		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:31	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 2-4-9.8

Sampled: 2/9/2017 10:15

Sample ID: 17B0503-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-5.5-6

Sampled: 2/9/2017 14:35

Sample ID: 17B0503-21

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.11	0.11	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Acrylonitrile	ND	0.0064	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
tert-Butyl Alcohol (TBA)	ND	0.043	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 14:32	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Carbon Disulfide	0.0094	0.0064	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Chlorodibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2-Dibromoethane (EDB)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-5.5-6

Sampled: 2/9/2017 14:35

Sample ID: 17B0503-21

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Methyl Acetate	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Methyl Cyclohexane	0.0028	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:32	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.2	70-130					2/13/17 14:32	
Toluene-d8		104	70-130					2/13/17 14:32	
4-Bromofluorobenzene		102	70-130					2/13/17 14:32	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-27-5.5-6

Sampled: 2/9/2017 14:35

Sample ID: 17B0503-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-10.5-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-22

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Acetone	0.13	0.12	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Acrylonitrile	ND	0.0077	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Acrylonitrile	ND	0.0070	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Benzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Bromobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Bromoform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
2-Butanone (MEK)	ND	0.052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
2-Butanone (MEK)	ND	0.046	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
tert-Butyl Alcohol (TBA)	ND	0.052	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
tert-Butyl Alcohol (TBA)	ND	0.046	mg/Kg dry	1	V-05	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
sec-Butylbenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
tert-Butylbenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Carbon Disulfide	ND	0.0077	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Carbon Disulfide	ND	0.0070	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Chlorodibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Chlorodibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Chloroform	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Chloroform	ND	0.0046	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-10.5-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-22

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0052	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0046	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2-Dibromoethane (EDB)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2-Dibromoethane (EDB)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Dibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
trans-1,4-Dichloro-2-butene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,1-Dichloroethylene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,1-Dichloroethylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
cis-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Diethyl Ether	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-10.5-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-22

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatiles Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Ethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
2-Hexanone (MBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Isopropylbenzene (Cumene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Methyl Acetate	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Methyl Acetate	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0052	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	mg/Kg dry	1	V-05	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Methyl Cyclohexane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Methyl Cyclohexane	0.0034	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Naphthalene	ND	0.0052	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Naphthalene	0.0089	0.0046	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
n-Propylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Styrene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Tetrachloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Toluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-10.5-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-22

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,1,2-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Trichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,2,4-Trimethylbenzene	ND	0.0026	mg/Kg dry	1	V-17	SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,2,4-Trimethylbenzene	0.0028	0.0023	mg/Kg dry	1	V-17	SW-846 8260C	2/14/17	2/14/17 17:26	MFF
1,3,5-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
m+p Xylene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
m+p Xylene	ND	0.0046	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF
o-Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 14:59	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 17:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	101	70-130	
1,2-Dichloroethane-d4	103	70-130	
Toluene-d8	93.8	70-130	
Toluene-d8	93.1	70-130	
4-Bromofluorobenzene	79.0	70-130	
4-Bromofluorobenzene	68.7	*	S-03

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-10.5-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-22

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.9		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 1-0-4

Sampled: 2/9/2017 12:40

Sample ID: 17B0503-23

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.20	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Aniline	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Benzidine	ND	0.76	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Benzo(a)anthracene	0.63	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Benzo(a)pyrene	0.54	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Benzo(b)fluoranthene	0.79	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Benzo(g,h,i)perylene	0.49	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Benzo(k)fluoranthene	0.29	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Butylbenzylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
4-Chloro-3-methylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Chrysene	0.98	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Dibenzofuran	0.41	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Dimethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Di-n-octylphthalate	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 14:41	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Fluoranthene	1.5	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Fluorene	0.30	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 1-0-4

Sampled: 2/9/2017 12:40

Sample ID: 17B0503-23

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Hexachlorocyclopentadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Indeno(1,2,3-cd)pyrene	0.45	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
1-Methylnaphthalene	0.84	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2-Methylnaphthalene	1.4	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Naphthalene	0.52	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Phenanthrene	1.7	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Pyrene	2.0	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 14:41	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		57.7	30-130					2/16/17 14:41	
Phenol-d6		59.2	30-130					2/16/17 14:41	
Nitrobenzene-d5		38.2	30-130					2/16/17 14:41	
2-Fluorobiphenyl		68.4	30-130					2/16/17 14:41	
2,4,6-Tribromophenol		61.7	30-130					2/16/17 14:41	
p-Terphenyl-d14		76.8	30-130					2/16/17 14:41	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 1-0-4

Sampled: 2/9/2017 12:40

Sample ID: 17B0503-23

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Aroclor-1221 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Aroclor-1232 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Aroclor-1242 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Aroclor-1248 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Aroclor-1254 [2]	41	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Aroclor-1260 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Aroclor-1262 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Aroclor-1268 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	2/14/17	2/18/17 20:36	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 20:36	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 20:36	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 20:36	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 20:36	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 1-0-4

Sampled: 2/9/2017 12:40

Sample ID: 17B0503-23

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:36	SHN
Barium	390	2.8		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:36	SHN
Cadmium	2.4	0.28		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:36	SHN
Chromium	260	0.56		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:36	SHN
Lead	500	0.85		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:36	SHN
Mercury	0.20	0.028		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 9:41	TJK
Selenium	3.3	5.6	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:36	SHN
Silver	2.4	0.56		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:36	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 1-0-4

Sampled: 2/9/2017 12:40

Sample ID: 17B0503-23

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.0		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 2-4-9.8

Sampled: 2/9/2017 12:45

Sample ID: 17B0503-24

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Aniline	ND	0.41	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Benzidine	ND	0.80	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Benzo(a)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Benzo(a)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Benzo(b)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Butylbenzylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
4-Chloroaniline	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
4-Chloro-3-methylphenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
4-Chlorophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Chrysene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Dibenzofuran	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Dimethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
4,6-Dinitro-2-methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2,4-Dinitrophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Di-n-octylphthalate	ND	0.41	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 15:03	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Fluoranthene	0.31	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 2-4-9.8

Sampled: 2/9/2017 12:45

Sample ID: 17B0503-24

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Hexachlorocyclopentadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Hexachloroethane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
3-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
4-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Nitrobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
4-Nitrophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
N-Nitrosodimethylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
N-Nitrosodiphenylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
N-Nitrosodi-n-propylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Pentachloronitrobenzene	ND	0.41	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Pentachlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Phenanthrene	0.29	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Pyrene	0.42	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Pyridine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:03	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		57.0	30-130					2/16/17 15:03	
Phenol-d6		59.4	30-130					2/16/17 15:03	
Nitrobenzene-d5		58.4	30-130					2/16/17 15:03	
2-Fluorobiphenyl		76.1	30-130					2/16/17 15:03	
2,4,6-Tribromophenol		43.8	30-130					2/16/17 15:03	
p-Terphenyl-d14		71.0	30-130					2/16/17 15:03	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 2-4-9.8

Sampled: 2/9/2017 12:45

Sample ID: 17B0503-24

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Aroclor-1221 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Aroclor-1232 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Aroclor-1242 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Aroclor-1248 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Aroclor-1254 [2]	2.6	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Aroclor-1260 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Aroclor-1262 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Aroclor-1268 [1]	ND	0.48	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 20:54	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		91.1	30-150					2/18/17 20:54	
Decachlorobiphenyl [2]		92.6	30-150					2/18/17 20:54	
Tetrachloro-m-xylene [1]		92.7	30-150					2/18/17 20:54	
Tetrachloro-m-xylene [2]		93.4	30-150					2/18/17 20:54	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 2-4-9.8

Sampled: 2/9/2017 12:45

Sample ID: 17B0503-24

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:41	SHN
Barium	80	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:41	SHN
Cadmium	0.76	0.29		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:41	SHN
Chromium	36	0.59		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:41	SHN
Lead	42	0.88		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:41	SHN
Mercury	0.084	0.030		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 9:43	TJK
Selenium	1.7	5.9	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:41	SHN
Silver	0.69	0.59		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:41	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-01-Comp 2-4-9.8

Sampled: 2/9/2017 12:45

Sample ID: 17B0503-24

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.7		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 1-0-4

Sampled: 2/9/2017 13:00

Sample ID: 17B0503-25

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Acenaphthylene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Acetophenone	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Aniline	ND	0.81	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Anthracene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Benzidine	ND	1.6	mg/Kg dry	2	V-04, V-05	SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Benzo(a)anthracene	0.51	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Benzo(a)pyrene	0.46	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Benzo(b)fluoranthene	0.67	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Benzo(g,h,i)perylene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Benzo(k)fluoranthene	ND	0.41	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Benzoic Acid	ND	2.4	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Bis(2-chloroethoxy)methane	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Bis(2-chloroethyl)ether	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Bis(2-chloroisopropyl)ether	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
4-Bromophenylphenylether	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Butylbenzylphthalate	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Carbazole	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
4-Chloroaniline	ND	1.6	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
4-Chloro-3-methylphenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2-Chloronaphthalene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2-Chlorophenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
4-Chlorophenylphenylether	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Chrysene	0.54	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Dibenz(a,h)anthracene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Dibenzofuran	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Di-n-butylphthalate	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
1,2-Dichlorobenzene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
1,3-Dichlorobenzene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
1,4-Dichlorobenzene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
3,3-Dichlorobenzidine	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2,4-Dichlorophenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Diethylphthalate	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2,4-Dimethylphenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Dimethylphthalate	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
4,6-Dinitro-2-methylphenol	ND	0.81	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2,4-Dinitrophenol	ND	1.6	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2,4-Dinitrotoluene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2,6-Dinitrotoluene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Di-n-octylphthalate	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Fluoranthene	1.3	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Fluorene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 1-0-4

Sampled: 2/9/2017 13:00

Sample ID: 17B0503-25

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.81	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Hexachlorobutadiene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Hexachlorocyclopentadiene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Hexachloroethane	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Indeno(1,2,3-cd)pyrene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Isophorone	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
1-Methylnaphthalene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2-Methylnaphthalene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2-Methylphenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
3/4-Methylphenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Naphthalene	ND	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2-Nitroaniline	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
3-Nitroaniline	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
4-Nitroaniline	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Nitrobenzene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2-Nitrophenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
4-Nitrophenol	ND	1.6	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
N-Nitrosodimethylamine	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
N-Nitrosodiphenylamine	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
N-Nitrosodi-n-propylamine	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Pentachloronitrobenzene	ND	0.81	mg/Kg dry	2	V-16	SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Pentachlorophenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Phenanthrene	1.1	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Phenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Pyrene	1.1	0.41	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Pyridine	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
1,2,4-Trichlorobenzene	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2,4,5-Trichlorophenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
2,4,6-Trichlorophenol	ND	0.81	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 15:45	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		43.0	30-130					2/19/17 15:45	
Phenol-d6		50.0	30-130					2/19/17 15:45	
Nitrobenzene-d5		45.7	30-130					2/19/17 15:45	
2-Fluorobiphenyl		63.2	30-130					2/19/17 15:45	
2,4,6-Tribromophenol		26.3	30-130		S-07			2/19/17 15:45	
p-Terphenyl-d14		57.7	30-130					2/19/17 15:45	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 1-0-4

Sampled: 2/9/2017 13:00

Sample ID: 17B0503-25

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Aroclor-1221 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Aroclor-1232 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Aroclor-1242 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Aroclor-1248 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Aroclor-1254 [2]	24	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Aroclor-1260 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Aroclor-1262 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Aroclor-1268 [1]	ND	2.4	mg/Kg dry	100		SW-846 8082A	2/14/17	2/18/17 21:12	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/18/17 21:12	
Decachlorobiphenyl [2]		*	30-150		S-01			2/18/17 21:12	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/18/17 21:12	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/18/17 21:12	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 1-0-4

Sampled: 2/9/2017 13:00

Sample ID: 17B0503-25

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	6.4	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:58	SHN
Barium	270	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:58	SHN
Cadmium	1.8	0.29		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:58	SHN
Chromium	170	0.57		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:58	SHN
Lead	330	0.86		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:58	SHN
Mercury	0.10	0.030		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 9:44	TJK
Selenium	4.3	5.7	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 18:58	SHN
Silver	1.6	0.57		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 18:58	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 1-0-4

Sampled: 2/9/2017 13:00

Sample ID: 17B0503-25

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.3		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 2-4-9.2

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-26

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	2.4	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Aniline	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Anthracene	3.7	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Benzidine	ND	0.81	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Benzo(a)anthracene	6.8	1.0	mg/Kg dry	5		SW-846 8270D	2/13/17	2/22/17 11:51	BGL
Benzo(a)pyrene	4.7	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Benzo(b)fluoranthene	6.1	1.0	mg/Kg dry	5		SW-846 8270D	2/13/17	2/22/17 11:51	BGL
Benzo(g,h,i)perylene	2.9	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Benzo(k)fluoranthene	2.1	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Carbazole	1.8	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
4-Chloroaniline	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
4-Chloro-3-methylphenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Chrysene	5.9	1.0	mg/Kg dry	5		SW-846 8270D	2/13/17	2/22/17 11:51	BGL
Dibenz(a,h)anthracene	0.89	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Dibenzofuran	1.7	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2,4-Dinitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 15:46	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Fluoranthene	16	1.0	mg/Kg dry	5		SW-846 8270D	2/13/17	2/22/17 11:51	BGL
Fluorene	2.9	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 2-4-9.2

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-26

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Indeno(1,2,3-cd)pyrene	3.2	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
1-Methylnaphthalene	0.82	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2-Methylnaphthalene	1.2	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Naphthalene	1.8	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
4-Nitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Phenanthrene	16	1.0	mg/Kg dry	5		SW-846 8270D	2/13/17	2/22/17 11:51	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Pyrene	12	1.0	mg/Kg dry	5		SW-846 8270D	2/13/17	2/22/17 11:51	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 15:46	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		43.7	30-130					2/16/17 15:46	
2-Fluorophenol		47.6	30-130					2/22/17 11:51	
Phenol-d6		47.9	30-130					2/16/17 15:46	
Phenol-d6		53.2	30-130					2/22/17 11:51	
Nitrobenzene-d5		26.2	30-130	*	S-07			2/16/17 15:46	
Nitrobenzene-d5		26.4	30-130	*	S-07			2/22/17 11:51	
2-Fluorobiphenyl		55.0	30-130					2/16/17 15:46	
2-Fluorobiphenyl		57.7	30-130					2/22/17 11:51	
2,4,6-Tribromophenol		41.1	30-130					2/16/17 15:46	
2,4,6-Tribromophenol		40.5	30-130					2/22/17 11:51	
p-Terphenyl-d14		53.4	30-130					2/16/17 15:46	
p-Terphenyl-d14		53.9	30-130					2/22/17 11:51	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 2-4-9.2

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-26

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	1.2	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Aldrin [1]	ND	0.12	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
alpha-BHC [1]	ND	0.31	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
beta-BHC [1]	ND	0.31	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
delta-BHC [1]	ND	0.31	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
gamma-BHC (Lindane) [1]	ND	0.12	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Chlordane [1]	ND	1.2	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
4,4'-DDD [1]	ND	0.062	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
4,4'-DDE [1]	ND	0.062	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
4,4'-DDT [1]	ND	0.062	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Dieldrin [1]	ND	0.12	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Endosulfan I [1]	ND	0.31	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Endosulfan II [1]	ND	0.49	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Endosulfan sulfate [1]	ND	0.49	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Endrin [1]	ND	0.49	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Endrin aldehyde [1]	ND	0.0099	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 1:21	PJG
Endrin ketone [1]	ND	0.49	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Heptachlor [1]	ND	0.31	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Heptachlor epoxide [1]	ND	0.31	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Hexachlorobenzene [1]	ND	0.37	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Methoxychlor [1]	ND	3.1	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Toxaphene [1]	ND	6.2	mg/Kg dry	50		SW-846 8081B	2/13/17	2/16/17 22:20	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/16/17 22:20	
Decachlorobiphenyl [2]		*	30-150		S-01			2/16/17 22:20	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/16/17 22:20	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/16/17 22:20	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 2-4-9.2

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-26

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Aroclor-1254 [1]	9.6	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Aroclor-1260 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/13/17	2/16/17 11:18	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/16/17 11:18	
Decachlorobiphenyl [2]		*	30-150		S-01			2/16/17 11:18	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/16/17 11:18	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/16/17 11:18	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 2-4-9.2

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-26

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Antimony	13	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Arsenic	11	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Barium	170	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Beryllium	0.89	0.30		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Cadmium	ND	0.30		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Calcium	14000	9.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Chromium	260	0.61		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Cobalt	13	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Copper	63	0.61		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Iron	47000	30		mg/Kg dry	10		SW-846 6010C-D	2/16/17	2/20/17 16:52	QNW
Lead	110	0.91		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Magnesium	6200	18		mg/Kg dry	2		SW-846 6010C-D	2/16/17	2/20/17 16:58	QNW
Manganese	560	0.61		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Mercury	0.22	0.031		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:01	TJK
Nickel	160	0.61		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Potassium	1700	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Selenium	ND	6.1	1.4	mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Silver	1.7	0.61		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Sodium	310	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Thallium	ND	3.0		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Vanadium	36	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW
Zinc	130	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:14	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-Comp 2-4-9.2

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-26

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.58	mg/Kg dry	1		SW-846 9014	2/15/17	2/16/17 19:45	DJM
% Solids	81.0		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 1-0-4

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-27

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.27	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Aniline	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Anthracene	0.41	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Benzidine	ND	0.74	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Benzo(a)anthracene	0.95	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Benzo(a)pyrene	0.78	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Benzo(b)fluoranthene	1.0	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Benzo(g,h,i)perylene	0.60	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Benzo(k)fluoranthene	0.38	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Butylbenzylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Carbazole	0.27	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Chrysene	1.0	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Dimethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Di-n-octylphthalate	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 16:08	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Fluoranthene	2.1	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Fluorene	0.29	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 1-0-4

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-27

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Hexachlorocyclopentadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Indeno(1,2,3-cd)pyrene	0.58	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
1-Methylnaphthalene	0.23	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2-Methylnaphthalene	0.37	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Naphthalene	0.50	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Phenanthrene	2.1	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Pyrene	2.0	0.19	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:08	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		52.7	30-130					2/16/17 16:08	
Phenol-d6		57.0	30-130					2/16/17 16:08	
Nitrobenzene-d5		57.5	30-130					2/16/17 16:08	
2-Fluorobiphenyl		74.5	30-130					2/16/17 16:08	
2,4,6-Tribromophenol		50.5	30-130					2/16/17 16:08	
p-Terphenyl-d14		75.4	30-130					2/16/17 16:08	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 1-0-4

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-27

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Aroclor-1221 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Aroclor-1232 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Aroclor-1242 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Aroclor-1248 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Aroclor-1254 [2]	4.3	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Aroclor-1260 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Aroclor-1262 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Aroclor-1268 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	2/14/17	2/18/17 21:29	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		92.5	30-150					2/18/17 21:29	
Decachlorobiphenyl [2]		92.2	30-150					2/18/17 21:29	
Tetrachloro-m-xylene [1]		92.7	30-150					2/18/17 21:29	
Tetrachloro-m-xylene [2]		89.4	30-150					2/18/17 21:29	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 1-0-4

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-27

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	11	2.7		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:08	SHN
Barium	620	2.7		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:08	SHN
Cadmium	3.0	0.27		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:08	SHN
Chromium	100	0.54		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:08	SHN
Lead	3100	0.81		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:08	SHN
Mercury	0.23	0.027		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 10:16	TJK
Selenium	ND	5.4	1.2	mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:08	SHN
Silver	1.3	0.54		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:08	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 1-0-4

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 2-4-9.9

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-28

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Acetophenone	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Aniline	ND	0.44	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Benzidine	ND	0.86	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Benzo(a)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Benzo(a)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Benzo(b)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Benzo(g,h,i)perylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Benzo(k)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Bis(2-chloroethoxy)methane	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Bis(2-chloroethyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Bis(2-chloroisopropyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
4-Bromophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Butylbenzylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
4-Chloroaniline	ND	0.86	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
4-Chloro-3-methylphenol	ND	0.86	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2-Chloronaphthalene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2-Chlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
4-Chlorophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Chrysene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Dibenzofuran	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Di-n-butylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
1,2-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
1,3-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
1,4-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2,4-Dichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Diethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2,4-Dimethylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Dimethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
4,6-Dinitro-2-methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2,4-Dinitrophenol	ND	0.86	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2,4-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2,6-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Di-n-octylphthalate	ND	0.44	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 16:30	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 2-4-9.9

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-28

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Hexachlorobutadiene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Hexachlorocyclopentadiene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Hexachloroethane	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Indeno(1,2,3-cd)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Isophorone	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
1-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
3/4-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
3-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
4-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Nitrobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2-Nitrophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
4-Nitrophenol	ND	0.86	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
N-Nitrosodimethylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
N-Nitrosodiphenylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
N-Nitrosodi-n-propylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Pentachloronitrobenzene	ND	0.44	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Pentachlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Phenanthrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Phenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
Pyridine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
1,2,4-Trichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2,4,5-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL
2,4,6-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:30	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	69.0	30-130	
Phenol-d6	71.6	30-130	
Nitrobenzene-d5	70.7	30-130	
2-Fluorobiphenyl	96.2	30-130	
2,4,6-Tribromophenol	76.0	30-130	
p-Terphenyl-d14	91.3	30-130	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 2-4-9.9

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-28

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Aroclor-1221 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Aroclor-1232 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Aroclor-1242 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Aroclor-1248 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Aroclor-1254 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Aroclor-1260 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Aroclor-1262 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Aroclor-1268 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	2/14/17	2/21/17 15:50	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		85.0	30-150					2/21/17 15:50	
Decachlorobiphenyl [2]		102	30-150					2/21/17 15:50	
Tetrachloro-m-xylene [1]		90.4	30-150					2/21/17 15:50	
Tetrachloro-m-xylene [2]		101	30-150					2/21/17 15:50	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 2-4-9.9

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-28

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.3		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:13	SHN
Barium	130	3.3		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:13	SHN
Cadmium	1.3	0.33		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:13	SHN
Chromium	32	0.65		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:13	SHN
Lead	290	0.98		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:13	SHN
Mercury	0.039	0.033		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 10:17	TJK
Selenium	1.9	6.5	1.5	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 19:13	SHN
Silver	1.5	0.65		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:13	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-03-Comp 2-4-9.9

Sampled: 2/10/2017 09:30

Sample ID: 17B0503-28

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.7		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 1-0-4

Sampled: 2/9/2017 13:30

Sample ID: 17B0503-29

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Acetophenone	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Aniline	ND	0.40	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Anthracene	0.32	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Benzidine	ND	0.78	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Benzo(a)anthracene	1.2	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Benzo(a)pyrene	1.2	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Benzo(b)fluoranthene	1.5	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Benzo(g,h,i)perylene	1.1	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Benzo(k)fluoranthene	0.58	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Bis(2-chloroethoxy)methane	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Bis(2-chloroethyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Bis(2-chloroisopropyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
4-Bromophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Butylbenzylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Carbazole	0.21	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
4-Chloroaniline	ND	0.78	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
4-Chloro-3-methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2-Chloronaphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2-Chlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
4-Chlorophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Chrysene	1.3	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Dibenzofuran	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Di-n-butylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
1,2-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
1,3-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
1,4-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2,4-Dichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Diethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2,4-Dimethylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Dimethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
4,6-Dinitro-2-methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2,4-Dinitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2,4-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2,6-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Di-n-octylphthalate	ND	0.40	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 16:52	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Fluoranthene	2.7	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 1-0-4

Sampled: 2/9/2017 13:30

Sample ID: 17B0503-29

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Hexachlorobutadiene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Hexachlorocyclopentadiene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Hexachloroethane	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Indeno(1,2,3-cd)pyrene	0.95	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Isophorone	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2-Methylnaphthalene	0.21	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
3/4-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Naphthalene	0.25	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
3-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
4-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Nitrobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2-Nitrophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
4-Nitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
N-Nitrosodimethylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
N-Nitrosodiphenylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
N-Nitrosodi-n-propylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Pentachloronitrobenzene	ND	0.40	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Pentachlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Phenanthrene	2.1	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Phenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Pyrene	2.9	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Pyridine	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
1,2,4-Trichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2,4,5-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
2,4,6-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 16:52	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		38.1	30-130					2/16/17 16:52	
Phenol-d6		51.6	30-130					2/16/17 16:52	
Nitrobenzene-d5		28.9	* 30-130		S-07			2/16/17 16:52	
2-Fluorobiphenyl		66.7	30-130					2/16/17 16:52	
2,4,6-Tribromophenol		12.3	* 30-130		S-07			2/16/17 16:52	
p-Terphenyl-d14		70.7	30-130					2/16/17 16:52	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 1-0-4

Sampled: 2/9/2017 13:30

Sample ID: 17B0503-29

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Aroclor-1221 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Aroclor-1232 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Aroclor-1242 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Aroclor-1248 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Aroclor-1254 [1]	39	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Aroclor-1260 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Aroclor-1262 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Aroclor-1268 [1]	ND	12	mg/Kg dry	500		SW-846 8082A	2/14/17	2/17/17 18:23	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/17/17 18:23	
Decachlorobiphenyl [2]		*	30-150		S-01			2/17/17 18:23	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/17/17 18:23	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/17/17 18:23	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 1-0-4

Sampled: 2/9/2017 13:30

Sample ID: 17B0503-29

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.9	2.8		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:18	SHN
Barium	200	2.8		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:18	SHN
Cadmium	1.7	0.28		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:18	SHN
Chromium	89	0.57		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:18	SHN
Lead	160	0.85		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:18	SHN
Mercury	0.14	0.030		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 10:19	TJK
Selenium	ND	5.7	1.3	mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:18	SHN
Silver	ND	0.57		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:18	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 1-0-4

Sampled: 2/9/2017 13:30

Sample ID: 17B0503-29

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.1		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 2-4-9.7

Sampled: 2/9/2017 13:40

Sample ID: 17B0503-30

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Acenaphthylene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Acetophenone	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Aniline	ND	0.87	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Anthracene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Benzidine	ND	1.7	mg/Kg dry	2	V-04, V-05	SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Benzo(a)anthracene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Benzo(a)pyrene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Benzo(b)fluoranthene	0.52	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Benzo(g,h,i)perylene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Benzo(k)fluoranthene	ND	0.43	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Benzoic Acid	ND	2.5	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Bis(2-chloroethoxy)methane	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Bis(2-chloroethyl)ether	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Bis(2-chloroisopropyl)ether	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
4-Bromophenylphenylether	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Butylbenzylphthalate	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Carbazole	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
4-Chloroaniline	ND	1.7	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
4-Chloro-3-methylphenol	ND	1.7	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2-Chloronaphthalene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2-Chlorophenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
4-Chlorophenylphenylether	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Chrysene	0.45	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Dibenz(a,h)anthracene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Dibenzofuran	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Di-n-butylphthalate	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
1,2-Dichlorobenzene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
1,3-Dichlorobenzene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
1,4-Dichlorobenzene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
3,3-Dichlorobenzidine	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2,4-Dichlorophenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Diethylphthalate	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2,4-Dimethylphenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Dimethylphthalate	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
4,6-Dinitro-2-methylphenol	ND	0.87	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2,4-Dinitrophenol	ND	1.7	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2,4-Dinitrotoluene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2,6-Dinitrotoluene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Di-n-octylphthalate	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Fluoranthene	1.1	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Fluorene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 2-4-9.7

Sampled: 2/9/2017 13:40

Sample ID: 17B0503-30

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.87	mg/Kg dry	2	V-05	SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Hexachlorobutadiene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Hexachlorocyclopentadiene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Hexachloroethane	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Indeno(1,2,3-cd)pyrene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Isophorone	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
1-Methylnaphthalene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2-Methylnaphthalene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2-Methylphenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
3/4-Methylphenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Naphthalene	ND	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2-Nitroaniline	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
3-Nitroaniline	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
4-Nitroaniline	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Nitrobenzene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2-Nitrophenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
4-Nitrophenol	ND	1.7	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
N-Nitrosodimethylamine	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
N-Nitrosodiphenylamine	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
N-Nitrosodi-n-propylamine	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Pentachloronitrobenzene	ND	0.87	mg/Kg dry	2	V-16	SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Pentachlorophenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Phenanthrene	0.87	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Phenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Pyrene	0.86	0.43	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
Pyridine	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
1,2,4-Trichlorobenzene	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2,4,5-Trichlorophenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL
2,4,6-Trichlorophenol	ND	0.87	mg/Kg dry	2		SW-846 8270D	2/17/17	2/19/17 16:09	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	47.5	30-130	
Phenol-d6	52.6	30-130	
Nitrobenzene-d5	14.8	30-130	S-07
2-Fluorobiphenyl	58.7	30-130	
2,4,6-Tribromophenol	54.9	30-130	
p-Terphenyl-d14	62.0	30-130	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 2-4-9.7

Sampled: 2/9/2017 13:40

Sample ID: 17B0503-30

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Aroclor-1221 [1]	ND	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Aroclor-1232 [1]	ND	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Aroclor-1242 [1]	ND	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Aroclor-1248 [1]	ND	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Aroclor-1254 [1]	210	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Aroclor-1260 [1]	ND	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Aroclor-1262 [1]	ND	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Aroclor-1268 [1]	ND	25	mg/Kg dry	1000		SW-846 8082A	2/14/17	2/17/17 18:41	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/17/17 18:41	
Decachlorobiphenyl [2]		*	30-150		S-01			2/17/17 18:41	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/17/17 18:41	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/17/17 18:41	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 2-4-9.7

Sampled: 2/9/2017 13:40

Sample ID: 17B0503-30

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.8	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:23	SHN
Barium	1500	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:23	SHN
Cadmium	3.2	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:23	SHN
Chromium	330	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:23	SHN
Lead	320	0.90		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:23	SHN
Mercury	0.21	0.032		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 10:20	TJK
Selenium	4.4	6.0	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 19:23	SHN
Silver	2.5	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:23	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-Comp 2-4-9.7

Sampled: 2/9/2017 13:40

Sample ID: 17B0503-30

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.5		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-3-3.5

Sampled: 2/9/2017 10:05

Sample ID: 17B0503-31

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.29	0.12	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Acrylonitrile	ND	0.0074	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Bromochloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
2-Butanone (MEK)	ND	0.049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
tert-Butyl Alcohol (TBA)	ND	0.049	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 15:26	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
sec-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Carbon Disulfide	ND	0.0074	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Chlorodibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Chloroform	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2-Dibromoethane (EDB)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,1-Dichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Diethyl Ether	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-3-3.5

Sampled: 2/9/2017 10:05

Sample ID: 17B0503-31

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Methyl Acetate	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Methyl Cyclohexane	0.0050	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Naphthalene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,3,5-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
m+p Xylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:26	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					2/13/17 15:26	
Toluene-d8		104	70-130					2/13/17 15:26	
4-Bromofluorobenzene		98.2	70-130					2/13/17 15:26	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/9/2017 10:05

Field Sample #: LB-13-3-3.5

Sample ID: 17B0503-31

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-5-5.5

Sampled: 2/9/2017 10:15

Sample ID: 17B0503-32

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Acrylonitrile	ND	0.0072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
tert-Butyl Alcohol (TBA)	ND	0.048	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 15:53	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Carbon Disulfide	ND	0.0072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Chlorodibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2-Dibromoethane (EDB)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-5-5.5

Sampled: 2/9/2017 10:15

Sample ID: 17B0503-32

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
p-Isopropyltoluene (p-Cymene)	0.0040	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Methyl Acetate	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Methyl Cyclohexane	0.0042	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 15:53	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		95.8	70-130					2/13/17 15:53	
Toluene-d8		100	70-130					2/13/17 15:53	
4-Bromofluorobenzene		97.3	70-130					2/13/17 15:53	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/9/2017 10:15

Field Sample #: LB-13-5-5.5

Sample ID: 17B0503-32

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.0		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-3.5-4

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-33

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	3.7	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Acrylonitrile	ND	0.37	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 12:37	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Benzene	0.27	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Bromobenzene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Bromochloromethane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Bromodichloromethane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Bromoform	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Bromomethane	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
2-Butanone (MEK)	ND	1.5	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
tert-Butyl Alcohol (TBA)	ND	1.5	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 12:37	EEH
n-Butylbenzene	13	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
sec-Butylbenzene	5.0	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
tert-Butylbenzene	0.21	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Carbon Disulfide	ND	0.22	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Carbon Tetrachloride	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Chlorobenzene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Chlorodibromomethane	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Chloroethane	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Chloroform	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Chloromethane	ND	0.15	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/20/17	2/20/17 12:37	EEH
2-Chlorotoluene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
4-Chlorotoluene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.37	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2-Dibromoethane (EDB)	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Dibromomethane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2-Dichlorobenzene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,3-Dichlorobenzene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,4-Dichlorobenzene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
trans-1,4-Dichloro-2-butene	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,1-Dichloroethane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2-Dichloroethane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,1-Dichloroethylene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
cis-1,2-Dichloroethylene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
trans-1,2-Dichloroethylene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2-Dichloropropane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,3-Dichloropropane	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
2,2-Dichloropropane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,1-Dichloropropene	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
cis-1,3-Dichloropropene	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
trans-1,3-Dichloropropene	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Diethyl Ether	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-3.5-4

Sampled: 2/9/2017 09:30

Sample ID: 17B0503-33

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,4-Dioxane	ND	3.7	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Ethylbenzene	1.4	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Hexachlorobutadiene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
2-Hexanone (MBK)	ND	0.74	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Isopropylbenzene (Cumene)	1.3	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
p-Isopropyltoluene (p-Cymene)	0.16	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Methyl Acetate	ND	0.74	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Methyl Cyclohexane	2.3	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Methylene Chloride	ND	0.37	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.74	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Naphthalene	2.6	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
n-Propylbenzene	9.9	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Styrene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,1,1,2-Tetrachloroethane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,1,2,2-Tetrachloroethane	ND	0.037	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Tetrachloroethylene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Tetrahydrofuran	ND	0.74	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Toluene	2.0	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2,3-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2,4-Trichlorobenzene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,3,5-Trichlorobenzene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,1,1-Trichloroethane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,1,2-Trichloroethane	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Trichloroethylene	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Trichlorofluoromethane (Freon 11)	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2,3-Trichloropropane	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,2,4-Trimethylbenzene	4.8	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
1,3,5-Trimethylbenzene	1.9	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Vinyl Chloride	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
m+p Xylene	4.3	0.15	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
o-Xylene	0.60	0.074	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 12:37	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.0	70-130					2/20/17 12:37	
Toluene-d8		101	70-130					2/20/17 12:37	
4-Bromofluorobenzene		114	70-130					2/20/17 12:37	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/9/2017 09:30

Field Sample #: LB-14-3.5-4

Sample ID: 17B0503-33

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.5		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-5-5.5

Sampled: 2/9/2017 09:40

Sample ID: 17B0503-34

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.18	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Acrylonitrile	ND	0.0079	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Benzene	0.0041	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Bromobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Bromoform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
2-Butanone (MEK)	ND	0.052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
tert-Butyl Alcohol (TBA)	ND	0.052	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 16:21	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
sec-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
tert-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Carbon Disulfide	ND	0.0079	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Chlorodibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Chloroform	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2-Dibromoethane (EDB)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Dibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
trans-1,4-Dichloro-2-butene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,1-Dichloroethylene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
cis-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Diethyl Ether	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-5-5.5

Sampled: 2/9/2017 09:40

Sample ID: 17B0503-34

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Ethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
2-Hexanone (MBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Isopropylbenzene (Cumene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Methyl Acetate	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0052	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Methyl Cyclohexane	0.010	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Naphthalene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
n-Propylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Styrene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Tetrachloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Toluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,1,2-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Trichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,2,4-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
1,3,5-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
m+p Xylene	ND	0.0052	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
o-Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:21	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		103	70-130					2/13/17 16:21	
Toluene-d8		99.6	70-130					2/13/17 16:21	
4-Bromofluorobenzene		99.6	70-130					2/13/17 16:21	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-5-5.5

Sampled: 2/9/2017 09:40

Sample ID: 17B0503-34

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.2		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-10-10.5

Sampled: 2/9/2017 09:50

Sample ID: 17B0503-35

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Acrylonitrile	ND	0.0077	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Benzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Bromobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Bromoform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
2-Butanone (MEK)	ND	0.051	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
tert-Butyl Alcohol (TBA)	ND	0.051	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 16:48	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
sec-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
tert-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Carbon Disulfide	ND	0.0077	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Chlorodibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Chloroform	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Dibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,1-Dichloroethylene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
cis-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Diethyl Ether	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-10-10.5

Sampled: 2/9/2017 09:50

Sample ID: 17B0503-35

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Ethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
2-Hexanone (MBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Isopropylbenzene (Cumene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Methyl Acetate	0.0030	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Methyl Cyclohexane	0.010	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Naphthalene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
n-Propylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Styrene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Tetrachloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Toluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,1,2-Trichloroethane	0.0026	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Trichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,2,4-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
1,3,5-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
m+p Xylene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
o-Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 16:48	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		96.3	70-130					2/13/17 16:48	
Toluene-d8		102	70-130					2/13/17 16:48	
4-Bromofluorobenzene		95.5	70-130					2/13/17 16:48	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-14-10-10.5

Sampled: 2/9/2017 09:50

Sample ID: 17B0503-35

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.9		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-3.5-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-36

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.19	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Acrylonitrile	ND	0.0080	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Benzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Bromobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Bromochloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Bromodichloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Bromoform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
2-Butanone (MEK)	ND	0.053	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
tert-Butyl Alcohol (TBA)	ND	0.053	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 17:15	MFF
n-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
sec-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
tert-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Carbon Disulfide	ND	0.0080	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Carbon Tetrachloride	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Chlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Chlorodibromomethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Chloroethane	ND	0.027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Chloroform	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
2-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
4-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2-Dibromoethane (EDB)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Dibromomethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,3-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,4-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
trans-1,4-Dichloro-2-butene	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,1-Dichloroethane	0.0028	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,1-Dichloroethylene	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
cis-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
trans-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
2,2-Dichloropropane	ND	0.0027	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,1-Dichloropropene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Diethyl Ether	ND	0.027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-3.5-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-36

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Ethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Hexachlorobutadiene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
2-Hexanone (MBK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Isopropylbenzene (Cumene)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Methyl Acetate	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0053	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Methyl Cyclohexane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Methylene Chloride	ND	0.027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Naphthalene	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
n-Propylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Styrene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Tetrachloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Toluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2,3-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2,4-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,3,5-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,1,1-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,1,2-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Trichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2,3-Trichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,2,4-Trimethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
1,3,5-Trimethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
m+p Xylene	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
o-Xylene	0.0027	0.0027	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:15	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					2/13/17 17:15	
Toluene-d8		102	70-130					2/13/17 17:15	
4-Bromofluorobenzene		99.2	70-130					2/13/17 17:15	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-3.5-4

Sampled: 2/9/2017 09:00

Sample ID: 17B0503-36

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.0		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-5-5.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-37

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	4.3	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Acrylonitrile	ND	0.43	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Benzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Bromobenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Bromochloromethane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Bromodichloromethane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Bromoform	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Bromomethane	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
2-Butanone (MEK)	ND	1.7	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
tert-Butyl Alcohol (TBA)	ND	1.7	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/19/17 12:25	EEH
n-Butylbenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
sec-Butylbenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
tert-Butylbenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Carbon Disulfide	ND	0.26	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Carbon Tetrachloride	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Chlorobenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Chlorodibromomethane	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Chloroethane	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Chloroform	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Chloromethane	ND	0.17	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 12:25	EEH
2-Chlorotoluene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
4-Chlorotoluene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.43	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2-Dibromoethane (EDB)	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Dibromomethane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2-Dichlorobenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,3-Dichlorobenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,4-Dichlorobenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
trans-1,4-Dichloro-2-butene	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,1-Dichloroethane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2-Dichloroethane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,1-Dichloroethylene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
cis-1,2-Dichloroethylene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
trans-1,2-Dichloroethylene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2-Dichloropropane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,3-Dichloropropane	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
2,2-Dichloropropane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,1-Dichloropropene	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
cis-1,3-Dichloropropene	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
trans-1,3-Dichloropropene	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Diethyl Ether	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-5-5.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-37

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,4-Dioxane	ND	4.3	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Ethylbenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Hexachlorobutadiene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
2-Hexanone (MBK)	ND	0.87	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Isopropylbenzene (Cumene)	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Methyl Acetate	ND	0.87	mg/Kg dry	1	V-05, L-04	SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Methyl Cyclohexane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Methylene Chloride	ND	0.43	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.87	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Naphthalene	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
n-Propylbenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Styrene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,1,1,2-Tetrachloroethane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,1,2,2-Tetrachloroethane	ND	0.043	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Tetrachloroethylene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Tetrahydrofuran	ND	0.87	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Toluene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2,3-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2,4-Trichlorobenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,3,5-Trichlorobenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,1,1-Trichloroethane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,1,2-Trichloroethane	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Trichloroethylene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Trichlorofluoromethane (Freon 11)	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2,3-Trichloropropane	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,2,4-Trimethylbenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
1,3,5-Trimethylbenzene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Vinyl Chloride	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
m+p Xylene	ND	0.17	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
o-Xylene	ND	0.087	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 12:25	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.7	70-130					2/19/17 12:25	
Toluene-d8		99.3	70-130					2/19/17 12:25	
4-Bromofluorobenzene		95.4	70-130					2/19/17 12:25	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-15-5-5.5

Sampled: 2/9/2017 09:15

Sample ID: 17B0503-37

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.7		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-0-2

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-38

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Acrylonitrile	ND	0.0061	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 17:43	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Carbon Disulfide	ND	0.0061	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Chlorodibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Chloroform	ND	0.0040	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0040	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2-Dibromoethane (EDB)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-18-0-2

Sampled: 2/10/2017 11:15

Sample ID: 17B0503-38

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Isopropylbenzene (Cumene)	0.0025	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Methyl Acetate	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Methyl Cyclohexane	0.0041	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Naphthalene	0.057	0.0040	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Toluene	0.0032	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,2,4-Trimethylbenzene	0.0055	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
1,3,5-Trimethylbenzene	0.0022	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
m+p Xylene	0.0061	0.0040	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
o-Xylene	0.0025	0.0020	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 17:43	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		103	70-130					2/13/17 17:43	
Toluene-d8		101	70-130					2/13/17 17:43	
4-Bromofluorobenzene		103	70-130					2/13/17 17:43	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/10/2017 11:15

Field Sample #: LB-18-0-2

Sample ID: 17B0503-38

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.7		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-1.3-1.8

Sampled: 2/9/2017 14:05

Sample ID: 17B0503-39

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	3.6	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Acrylonitrile	ND	0.36	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Benzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Bromobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Bromochloromethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Bromodichloromethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Bromoform	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Bromomethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
2-Butanone (MEK)	ND	1.4	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
tert-Butyl Alcohol (TBA)	ND	1.4	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/19/17 16:27	EEH
n-Butylbenzene	0.073	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
sec-Butylbenzene	0.10	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
tert-Butylbenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Carbon Disulfide	ND	0.22	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Carbon Tetrachloride	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Chlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Chlorodibromomethane	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Chloroethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Chloroform	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Chloromethane	ND	0.14	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:27	EEH
2-Chlorotoluene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
4-Chlorotoluene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.36	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2-Dibromoethane (EDB)	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Dibromomethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2-Dichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,3-Dichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,4-Dichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
trans-1,4-Dichloro-2-butene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,1-Dichloroethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2-Dichloroethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,1-Dichloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
cis-1,2-Dichloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
trans-1,2-Dichloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2-Dichloropropane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,3-Dichloropropane	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
2,2-Dichloropropane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,1-Dichloropropene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
cis-1,3-Dichloropropene	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
trans-1,3-Dichloropropene	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Diethyl Ether	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-1.3-1.8

Sampled: 2/9/2017 14:05

Sample ID: 17B0503-39

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,4-Dioxane	ND	3.6	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Ethylbenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Hexachlorobutadiene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
2-Hexanone (MBK)	ND	0.72	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Isopropylbenzene (Cumene)	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Methyl Acetate	ND	0.72	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Methyl Cyclohexane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Methylene Chloride	ND	0.36	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.72	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Naphthalene	0.35	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
n-Propylbenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Styrene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,1,1,2-Tetrachloroethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,1,2,2-Tetrachloroethane	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Tetrachloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Tetrahydrofuran	ND	0.72	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Toluene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2,3-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2,4-Trichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,3,5-Trichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,1,1-Trichloroethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,1,2-Trichloroethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Trichloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Trichlorofluoromethane (Freon 11)	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2,3-Trichloropropane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,2,4-Trimethylbenzene	0.078	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
1,3,5-Trimethylbenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Vinyl Chloride	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
m+p Xylene	0.14	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
o-Xylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:27	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		93.5	70-130					2/19/17 16:27	
Toluene-d8		99.5	70-130					2/19/17 16:27	
4-Bromofluorobenzene		106	70-130					2/19/17 16:27	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-1.3-1.8

Sampled: 2/9/2017 14:05

Sample ID: 17B0503-39

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-4.5-5

Sampled: 2/9/2017 14:10

Sample ID: 17B0503-40

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.40	0.12	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Acrylonitrile	ND	0.0074	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Bromochloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
2-Butanone (MEK)	ND	0.049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
tert-Butyl Alcohol (TBA)	ND	0.049	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 18:10	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
sec-Butylbenzene	0.0036	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Carbon Disulfide	ND	0.0074	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Chlorodibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Chloroform	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2-Dibromoethane (EDB)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,1-Dichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Diethyl Ether	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-4.5-5

Sampled: 2/9/2017 14:10

Sample ID: 17B0503-40

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Methyl Acetate	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Methyl Cyclohexane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Naphthalene	0.0095	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,3,5-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
m+p Xylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	2/13/17	2/13/17 18:10	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.5	70-130					2/13/17 18:10	
Toluene-d8		101	70-130					2/13/17 18:10	
4-Bromofluorobenzene		95.9	70-130					2/13/17 18:10	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-26-4.5-5

Sampled: 2/9/2017 14:10

Sample ID: 17B0503-40

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.3		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-8-8.5

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-41

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Acrylonitrile	ND	0.0079	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Benzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Bromobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Bromoform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
2-Butanone (MEK)	ND	0.053	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
tert-Butyl Alcohol (TBA)	ND	0.053	mg/Kg dry	1	V-05	SW-846 8260C	2/14/17	2/14/17 16:31	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
sec-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
tert-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Carbon Disulfide	0.0083	0.0079	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Chlorodibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Chloroform	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2-Dibromoethane (EDB)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Dibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,1-Dichloroethylene	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
cis-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Diethyl Ether	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-8-8.5

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-41

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Ethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
2-Hexanone (MBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Isopropylbenzene (Cumene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Methyl Acetate	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0053	mg/Kg dry	1	V-05	SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Methyl Cyclohexane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Naphthalene	0.022	0.0053	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
n-Propylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Styrene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Tetrachloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Toluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,1,2-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Trichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,2,4-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
1,3,5-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
m+p Xylene	ND	0.0053	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
o-Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:31	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		99.0	70-130					2/14/17 16:31	
Toluene-d8		101	70-130					2/14/17 16:31	
4-Bromofluorobenzene		96.2	70-130					2/14/17 16:31	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-02-8-8.5

Sampled: 2/9/2017 13:10

Sample ID: 17B0503-41

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.1		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-1-1.5

Sampled: 2/9/2017 13:30

Sample ID: 17B0503-42

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	3.6	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Acrylonitrile	ND	0.36	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Benzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Bromobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Bromochloromethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Bromodichloromethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Bromoform	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Bromomethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
2-Butanone (MEK)	ND	1.4	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
tert-Butyl Alcohol (TBA)	ND	1.4	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/19/17 16:54	EEH
n-Butylbenzene	0.50	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
sec-Butylbenzene	1.0	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
tert-Butylbenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Carbon Disulfide	ND	0.22	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Carbon Tetrachloride	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Chlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Chlorodibromomethane	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Chloroethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Chloroform	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Chloromethane	ND	0.14	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:54	EEH
2-Chlorotoluene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
4-Chlorotoluene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.36	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2-Dibromoethane (EDB)	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Dibromomethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2-Dichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,3-Dichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,4-Dichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
trans-1,4-Dichloro-2-butene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,1-Dichloroethane	0.11	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2-Dichloroethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,1-Dichloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
cis-1,2-Dichloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
trans-1,2-Dichloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2-Dichloropropane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,3-Dichloropropane	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
2,2-Dichloropropane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,1-Dichloropropene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
cis-1,3-Dichloropropene	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
trans-1,3-Dichloropropene	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Diethyl Ether	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-1-1.5

Sampled: 2/9/2017 13:30

Sample ID: 17B0503-42

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,4-Dioxane	ND	3.6	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Ethylbenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Hexachlorobutadiene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
2-Hexanone (MBK)	ND	0.72	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Isopropylbenzene (Cumene)	0.074	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Methyl Acetate	ND	0.72	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Methyl Cyclohexane	0.32	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Methylene Chloride	ND	0.36	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.72	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Naphthalene	0.21	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
n-Propylbenzene	0.18	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Styrene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,1,1,2-Tetrachloroethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,1,2,2-Tetrachloroethane	ND	0.036	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Tetrachloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Tetrahydrofuran	ND	0.72	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Toluene	0.090	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2,3-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2,4-Trichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,3,5-Trichlorobenzene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,1,1-Trichloroethane	0.18	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,1,2-Trichloroethane	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Trichloroethylene	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Trichlorofluoromethane (Freon 11)	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2,3-Trichloropropane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,2,4-Trimethylbenzene	0.39	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
1,3,5-Trimethylbenzene	0.13	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Vinyl Chloride	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
m+p Xylene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
o-Xylene	0.12	0.072	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 16:54	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		93.2	70-130					2/19/17 16:54	
Toluene-d8		98.3	70-130					2/19/17 16:54	
4-Bromofluorobenzene		111	70-130					2/19/17 16:54	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-1-1.5

Sampled: 2/9/2017 13:30

Sample ID: 17B0503-42

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.9		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-4.5-5

Sampled: 2/9/2017 13:35

Sample ID: 17B0503-43

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	4.1	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Acrylonitrile	ND	0.41	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Benzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Bromobenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Bromochloromethane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Bromodichloromethane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Bromoform	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Bromomethane	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
2-Butanone (MEK)	ND	1.6	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
tert-Butyl Alcohol (TBA)	ND	1.6	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/19/17 17:21	EEH
n-Butylbenzene	0.28	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
sec-Butylbenzene	0.47	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
tert-Butylbenzene	0.085	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Carbon Disulfide	ND	0.24	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Carbon Tetrachloride	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Chlorobenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Chlorodibromomethane	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Chloroethane	0.23	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Chloroform	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Chloromethane	ND	0.16	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 17:21	EEH
2-Chlorotoluene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
4-Chlorotoluene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.41	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2-Dibromoethane (EDB)	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Dibromomethane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2-Dichlorobenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,3-Dichlorobenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,4-Dichlorobenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
trans-1,4-Dichloro-2-butene	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,1-Dichloroethane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2-Dichloroethane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,1-Dichloroethylene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
cis-1,2-Dichloroethylene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
trans-1,2-Dichloroethylene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2-Dichloropropane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,3-Dichloropropane	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
2,2-Dichloropropane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,1-Dichloropropene	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
cis-1,3-Dichloropropene	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
trans-1,3-Dichloropropene	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Diethyl Ether	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-4.5-5

Sampled: 2/9/2017 13:35

Sample ID: 17B0503-43

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,4-Dioxane	ND	4.1	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Ethylbenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Hexachlorobutadiene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
2-Hexanone (MBK)	ND	0.81	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Isopropylbenzene (Cumene)	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Methyl Acetate	ND	0.81	mg/Kg dry	1	V-05, L-04	SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Methyl Cyclohexane	0.17	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Methylene Chloride	ND	0.41	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.81	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Naphthalene	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
n-Propylbenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Styrene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,1,1,2-Tetrachloroethane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,1,2,2-Tetrachloroethane	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Tetrachloroethylene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Tetrahydrofuran	ND	0.81	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Toluene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2,3-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2,4-Trichlorobenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,3,5-Trichlorobenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,1,1-Trichloroethane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,1,2-Trichloroethane	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Trichloroethylene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Trichlorofluoromethane (Freon 11)	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2,3-Trichloropropane	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,2,4-Trimethylbenzene	0.13	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
1,3,5-Trimethylbenzene	ND	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Vinyl Chloride	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
m+p Xylene	ND	0.16	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
o-Xylene	0.095	0.081	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:21	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		91.6	70-130					2/19/17 17:21	
Toluene-d8		96.9	70-130					2/19/17 17:21	
4-Bromofluorobenzene		118	70-130					2/19/17 17:21	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-4.5-5

Sampled: 2/9/2017 13:35

Sample ID: 17B0503-43

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.6		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-8-8.5

Sampled: 2/9/2017 13:40

Sample ID: 17B0503-44

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatil Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	3.1	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Acrylonitrile	ND	0.31	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Benzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Bromobenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Bromochloromethane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Bromodichloromethane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Bromoform	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Bromomethane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
2-Butanone (MEK)	ND	1.3	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
tert-Butyl Alcohol (TBA)	ND	1.3	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/19/17 14:13	EEH
n-Butylbenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
sec-Butylbenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
tert-Butylbenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Carbon Disulfide	ND	0.19	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Carbon Tetrachloride	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Chlorobenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Chlorodibromomethane	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Chloroethane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Chloroform	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Chloromethane	ND	0.13	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 14:13	EEH
2-Chlorotoluene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
4-Chlorotoluene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.31	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2-Dibromoethane (EDB)	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Dibromomethane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2-Dichlorobenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,3-Dichlorobenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,4-Dichlorobenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
trans-1,4-Dichloro-2-butene	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,1-Dichloroethane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2-Dichloroethane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,1-Dichloroethylene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
cis-1,2-Dichloroethylene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
trans-1,2-Dichloroethylene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2-Dichloropropane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,3-Dichloropropane	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
2,2-Dichloropropane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,1-Dichloropropene	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
cis-1,3-Dichloropropene	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
trans-1,3-Dichloropropene	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Diethyl Ether	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-8-8.5

Sampled: 2/9/2017 13:40

Sample ID: 17B0503-44

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,4-Dioxane	ND	3.1	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Ethylbenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Hexachlorobutadiene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
2-Hexanone (MBK)	ND	0.63	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Isopropylbenzene (Cumene)	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Methyl Acetate	ND	0.63	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Methyl Cyclohexane	0.068	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Methylene Chloride	ND	0.31	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.63	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Naphthalene	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
n-Propylbenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Styrene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,1,1,2-Tetrachloroethane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,1,2,2-Tetrachloroethane	ND	0.031	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Tetrachloroethylene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Tetrahydrofuran	ND	0.63	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Toluene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2,3-Trichlorobenzene	ND	0.31	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2,4-Trichlorobenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,3,5-Trichlorobenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,1,1-Trichloroethane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,1,2-Trichloroethane	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Trichloroethylene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Trichlorofluoromethane (Freon 11)	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2,3-Trichloropropane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,2,4-Trimethylbenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
1,3,5-Trimethylbenzene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Vinyl Chloride	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
m+p Xylene	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
o-Xylene	ND	0.063	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:13	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.6	70-130					2/19/17 14:13	
Toluene-d8		98.4	70-130					2/19/17 14:13	
4-Bromofluorobenzene		102	70-130					2/19/17 14:13	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-07-8-8.5

Sampled: 2/9/2017 13:40

Sample ID: 17B0503-44

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-9-10

Sampled: 2/10/2017 09:20

Sample ID: 17B0503-45

Sample Matrix: Soil

Sample Flags: PR-15, PR-03

Volatil Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Acrylonitrile	ND	0.0063	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-05	SW-846 8260C	2/14/17	2/14/17 16:58	MFF
n-Butylbenzene	0.043	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
sec-Butylbenzene	0.014	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Chlorodibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2-Dibromoethane (EDB)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-08-9-10

Sampled: 2/10/2017 09:20

Sample ID: 17B0503-45

Sample Matrix: Soil

Sample Flags: PR-15, PR-03

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Isopropylbenzene (Cumene)	0.0088	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
p-Isopropyltoluene (p-Cymene)	0.0044	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Methyl Acetate	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1	V-05	SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Methyl Cyclohexane	0.024	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Naphthalene	0.011	0.0042	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
n-Propylbenzene	0.050	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,2,4-Trimethylbenzene	0.12	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
1,3,5-Trimethylbenzene	0.027	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/14/17	2/14/17 16:58	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		106	70-130					2/14/17 16:58	
Toluene-d8		103	70-130					2/14/17 16:58	
4-Bromofluorobenzene		108	70-130					2/14/17 16:58	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/10/2017 09:20

Field Sample #: LB-08-9-10

Sample ID: 17B0503-45

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.6		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-3-3.5

Sampled: 2/9/2017 15:40

Sample ID: 17B0503-46

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Acrylonitrile	ND	1.4	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Benzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Bromobenzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Bromochloromethane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Bromodichloromethane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Bromoform	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Bromomethane	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
2-Butanone (MEK)	ND	5.7	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
tert-Butyl Alcohol (TBA)	ND	5.7	mg/Kg dry	4	V-05	SW-846 8260C	2/13/17	2/19/17 15:33	EEH
n-Butylbenzene	1.9	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
sec-Butylbenzene	2.9	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
tert-Butylbenzene	0.39	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Carbon Disulfide	ND	0.85	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Carbon Tetrachloride	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Chlorobenzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Chlorodibromomethane	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Chloroethane	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Chloroform	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Chloromethane	ND	0.57	mg/Kg dry	4	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 15:33	EEH
2-Chlorotoluene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
4-Chlorotoluene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.4	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2-Dibromoethane (EDB)	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Dibromomethane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2-Dichlorobenzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,3-Dichlorobenzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,4-Dichlorobenzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
trans-1,4-Dichloro-2-butene	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,1-Dichloroethane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2-Dichloroethane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,1-Dichloroethylene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
cis-1,2-Dichloroethylene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
trans-1,2-Dichloroethylene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2-Dichloropropane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,3-Dichloropropane	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
2,2-Dichloropropane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,1-Dichloropropene	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
cis-1,3-Dichloropropene	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
trans-1,3-Dichloropropene	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Diethyl Ether	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-3-3.5

Sampled: 2/9/2017 15:40

Sample ID: 17B0503-46

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,4-Dioxane	ND	14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Ethylbenzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Hexachlorobutadiene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
2-Hexanone (MBK)	ND	2.8	mg/Kg dry	4	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Isopropylbenzene (Cumene)	0.40	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
p-Isopropyltoluene (p-Cymene)	3.5	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Methyl Acetate	ND	2.8	mg/Kg dry	4	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Methyl Cyclohexane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Methylene Chloride	ND	1.4	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	2.8	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Naphthalene	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
n-Propylbenzene	0.92	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Styrene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,1,1,2-Tetrachloroethane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,1,2,2-Tetrachloroethane	ND	0.14	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Tetrachloroethylene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Tetrahydrofuran	ND	2.8	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Toluene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2,3-Trichlorobenzene	ND	1.4	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2,4-Trichlorobenzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,3,5-Trichlorobenzene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,1,1-Trichloroethane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,1,2-Trichloroethane	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Trichloroethylene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Trichlorofluoromethane (Freon 11)	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2,3-Trichloropropane	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,2,4-Trimethylbenzene	3.0	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
1,3,5-Trimethylbenzene	1.7	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Vinyl Chloride	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
m+p Xylene	ND	0.57	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
o-Xylene	ND	0.28	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:33	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	92.0	70-130						2/19/17 15:33	
Toluene-d8	99.1	70-130						2/19/17 15:33	
4-Bromofluorobenzene	109	70-130						2/19/17 15:33	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/9/2017 15:40

Field Sample #: LB-09-3-3.5

Sample ID: 17B0503-46

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.2		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-4.5-5

Sampled: 2/9/2017 15:45

Sample ID: 17B0503-47

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Acrylonitrile	ND	1.5	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Benzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Bromobenzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Bromochloromethane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Bromodichloromethane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Bromoform	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Bromomethane	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
2-Butanone (MEK)	ND	5.9	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
tert-Butyl Alcohol (TBA)	ND	5.9	mg/Kg dry	4	V-05	SW-846 8260C	2/13/17	2/19/17 15:06	EEH
n-Butylbenzene	1.9	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
sec-Butylbenzene	2.2	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
tert-Butylbenzene	0.30	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Carbon Disulfide	ND	0.89	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Carbon Tetrachloride	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Chlorobenzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Chlorodibromomethane	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Chloroethane	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Chloroform	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Chloromethane	ND	0.59	mg/Kg dry	4	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 15:06	EEH
2-Chlorotoluene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
4-Chlorotoluene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.5	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2-Dibromoethane (EDB)	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Dibromomethane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2-Dichlorobenzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,3-Dichlorobenzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,4-Dichlorobenzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
trans-1,4-Dichloro-2-butene	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,1-Dichloroethane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2-Dichloroethane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,1-Dichloroethylene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
cis-1,2-Dichloroethylene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
trans-1,2-Dichloroethylene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2-Dichloropropane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,3-Dichloropropane	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
2,2-Dichloropropane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,1-Dichloropropene	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
cis-1,3-Dichloropropene	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
trans-1,3-Dichloropropene	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Diethyl Ether	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-09-4.5-5

Sampled: 2/9/2017 15:45

Sample ID: 17B0503-47

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,4-Dioxane	ND	15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Ethylbenzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Hexachlorobutadiene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
2-Hexanone (MBK)	ND	3.0	mg/Kg dry	4	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Isopropylbenzene (Cumene)	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
p-Isopropyltoluene (p-Cymene)	1.4	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Methyl Acetate	ND	3.0	mg/Kg dry	4	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Methyl Cyclohexane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Methylene Chloride	ND	1.5	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
4-Methyl-2-pentanone (MIBK)	ND	3.0	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Naphthalene	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
n-Propylbenzene	0.52	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Styrene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,1,1,2-Tetrachloroethane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,1,2,2-Tetrachloroethane	ND	0.15	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Tetrachloroethylene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Tetrahydrofuran	ND	3.0	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Toluene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2,3-Trichlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2,4-Trichlorobenzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,3,5-Trichlorobenzene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,1,1-Trichloroethane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,1,2-Trichloroethane	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Trichloroethylene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Trichlorofluoromethane (Freon 11)	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2,3-Trichloropropane	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,2,4-Trimethylbenzene	2.0	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
1,3,5-Trimethylbenzene	2.0	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Vinyl Chloride	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
m+p Xylene	ND	0.59	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
o-Xylene	ND	0.30	mg/Kg dry	4		SW-846 8260C	2/13/17	2/19/17 15:06	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		94.9	70-130					2/19/17 15:06	
Toluene-d8		99.3	70-130					2/19/17 15:06	
4-Bromofluorobenzene		113	70-130					2/19/17 15:06	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/9/2017 15:45

Field Sample #: LB-09-4.5-5

Sample ID: 17B0503-47

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.2		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-1-1.5

Sampled: 2/9/2017 10:35

Sample ID: 17B0503-48

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	4.4	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Acrylonitrile	ND	0.44	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Benzene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Bromobenzene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Bromochloromethane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Bromodichloromethane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Bromoform	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Bromomethane	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
2-Butanone (MEK)	ND	1.8	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
tert-Butyl Alcohol (TBA)	ND	1.8	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/19/17 17:48	EEH
n-Butylbenzene	2.9	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
sec-Butylbenzene	1.8	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
tert-Butylbenzene	0.18	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Carbon Disulfide	ND	0.26	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Carbon Tetrachloride	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Chlorobenzene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Chlorodibromomethane	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Chloroethane	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Chloroform	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Chloromethane	ND	0.18	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 17:48	EEH
2-Chlorotoluene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
4-Chlorotoluene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.44	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2-Dibromoethane (EDB)	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Dibromomethane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2-Dichlorobenzene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,3-Dichlorobenzene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,4-Dichlorobenzene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
trans-1,4-Dichloro-2-butene	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,1-Dichloroethane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2-Dichloroethane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,1-Dichloroethylene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
cis-1,2-Dichloroethylene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
trans-1,2-Dichloroethylene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2-Dichloropropane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,3-Dichloropropane	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
2,2-Dichloropropane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,1-Dichloropropene	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
cis-1,3-Dichloropropene	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
trans-1,3-Dichloropropene	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Diethyl Ether	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-1-1.5

Sampled: 2/9/2017 10:35

Sample ID: 17B0503-48

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,4-Dioxane	ND	4.4	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Ethylbenzene	1.2	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Hexachlorobutadiene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
2-Hexanone (MBK)	ND	0.88	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Isopropylbenzene (Cumene)	0.38	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
p-Isopropyltoluene (p-Cymene)	2.0	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Methyl Acetate	ND	0.88	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Methyl Cyclohexane	9.7	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Methylene Chloride	ND	0.44	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.88	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Naphthalene	0.86	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
n-Propylbenzene	0.88	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Styrene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,1,1,2-Tetrachloroethane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,1,2,2-Tetrachloroethane	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Tetrachloroethylene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Tetrahydrofuran	ND	0.88	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Toluene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2,3-Trichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2,4-Trichlorobenzene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,3,5-Trichlorobenzene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,1,1-Trichloroethane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,1,2-Trichloroethane	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Trichloroethylene	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Trichlorofluoromethane (Freon 11)	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2,3-Trichloropropane	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,2,4-Trimethylbenzene	7.0	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
1,3,5-Trimethylbenzene	1.9	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Vinyl Chloride	ND	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
m+p Xylene	2.5	0.18	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
o-Xylene	0.14	0.088	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 17:48	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4	89.7		70-130				2/19/17 17:48		
Toluene-d8	96.9		70-130				2/19/17 17:48		
4-Bromofluorobenzene	118		70-130				2/19/17 17:48		

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/9/2017 10:35

Field Sample #: LB-12-1-1.5

Sample ID: 17B0503-48

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	73.1		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-1.5-2

Sampled: 2/9/2017 10:40

Sample ID: 17B0503-49

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	8.0	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Acrylonitrile	ND	0.80	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Benzene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Bromobenzene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Bromochloromethane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Bromodichloromethane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Bromoform	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Bromomethane	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
2-Butanone (MEK)	ND	3.2	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
tert-Butyl Alcohol (TBA)	ND	3.2	mg/Kg dry	2	V-05	SW-846 8260C	2/13/17	2/19/17 16:00	EEH
n-Butylbenzene	3.2	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
sec-Butylbenzene	1.9	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
tert-Butylbenzene	0.19	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Carbon Disulfide	ND	0.48	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Carbon Tetrachloride	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Chlorobenzene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Chlorodibromomethane	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Chloroethane	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Chloroform	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Chloromethane	ND	0.32	mg/Kg dry	2	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:00	EEH
2-Chlorotoluene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
4-Chlorotoluene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.80	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2-Dibromoethane (EDB)	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Dibromomethane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2-Dichlorobenzene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,3-Dichlorobenzene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,4-Dichlorobenzene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
trans-1,4-Dichloro-2-butene	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,1-Dichloroethane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2-Dichloroethane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,1-Dichloroethylene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
cis-1,2-Dichloroethylene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
trans-1,2-Dichloroethylene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2-Dichloropropane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,3-Dichloropropane	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
2,2-Dichloropropane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,1-Dichloropropene	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
cis-1,3-Dichloropropene	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
trans-1,3-Dichloropropene	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Diethyl Ether	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-1.5-2

Sampled: 2/9/2017 10:40

Sample ID: 17B0503-49

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,4-Dioxane	ND	8.0	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Ethylbenzene	2.4	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Hexachlorobutadiene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
2-Hexanone (MBK)	ND	1.6	mg/Kg dry	2	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Isopropylbenzene (Cumene)	0.43	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
p-Isopropyltoluene (p-Cymene)	3.2	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Methyl Acetate	ND	1.6	mg/Kg dry	2	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Methyl Cyclohexane	12	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Methylene Chloride	ND	0.80	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
4-Methyl-2-pentanone (MIBK)	ND	1.6	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Naphthalene	1.3	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
n-Propylbenzene	1.0	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Styrene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,1,1,2-Tetrachloroethane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,1,2,2-Tetrachloroethane	ND	0.080	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Tetrachloroethylene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Tetrahydrofuran	ND	1.6	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Toluene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2,3-Trichlorobenzene	ND	0.80	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2,4-Trichlorobenzene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,3,5-Trichlorobenzene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,1,1-Trichloroethane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,1,2-Trichloroethane	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Trichloroethylene	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Trichlorofluoromethane (Freon 11)	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2,3-Trichloropropane	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,2,4-Trimethylbenzene	15	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
1,3,5-Trimethylbenzene	4.4	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Vinyl Chloride	ND	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
m+p Xylene	6.5	0.32	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
o-Xylene	0.39	0.16	mg/Kg dry	2		SW-846 8260C	2/13/17	2/19/17 16:00	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		92.0	70-130					2/19/17 16:00	
Toluene-d8		96.6	70-130					2/19/17 16:00	
4-Bromofluorobenzene		109	70-130					2/19/17 16:00	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-1.5-2

Sampled: 2/9/2017 10:40

Sample ID: 17B0503-49

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.2		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-4-4.5

Sampled: 2/9/2017 10:45

Sample ID: 17B0503-50

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	3.8	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Acrylonitrile	ND	0.38	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Benzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Bromobenzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Bromochloromethane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Bromodichloromethane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Bromoform	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Bromomethane	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
2-Butanone (MEK)	ND	1.5	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
tert-Butyl Alcohol (TBA)	ND	1.5	mg/Kg dry	1	V-05	SW-846 8260C	2/13/17	2/19/17 14:39	EEH
n-Butylbenzene	0.48	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
sec-Butylbenzene	0.34	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
tert-Butylbenzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Carbon Disulfide	ND	0.23	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Carbon Tetrachloride	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Chlorobenzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Chlorodibromomethane	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Chloroethane	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Chloroform	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Chloromethane	ND	0.15	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 14:39	EEH
2-Chlorotoluene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
4-Chlorotoluene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.38	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2-Dibromoethane (EDB)	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Dibromomethane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2-Dichlorobenzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,3-Dichlorobenzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,4-Dichlorobenzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
trans-1,4-Dichloro-2-butene	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,1-Dichloroethane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2-Dichloroethane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,1-Dichloroethylene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
cis-1,2-Dichloroethylene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
trans-1,2-Dichloroethylene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2-Dichloropropane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,3-Dichloropropane	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
2,2-Dichloropropane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,1-Dichloropropene	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
cis-1,3-Dichloropropene	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
trans-1,3-Dichloropropene	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Diethyl Ether	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-12-4-4.5

Sampled: 2/9/2017 10:45

Sample ID: 17B0503-50

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,4-Dioxane	ND	3.8	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Ethylbenzene	0.29	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Hexachlorobutadiene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
2-Hexanone (MBK)	ND	0.76	mg/Kg dry	1	L-04, V-05	SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Isopropylbenzene (Cumene)	0.091	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
p-Isopropyltoluene (p-Cymene)	0.21	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Methyl Acetate	ND	0.76	mg/Kg dry	1	V-05, L-04	SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Methyl Cyclohexane	1.5	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Methylene Chloride	ND	0.38	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.76	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Naphthalene	0.29	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
n-Propylbenzene	0.20	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Styrene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,1,1,2-Tetrachloroethane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Tetrachloroethylene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Tetrahydrofuran	ND	0.76	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Toluene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2,3-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2,4-Trichlorobenzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,3,5-Trichlorobenzene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,1,1-Trichloroethane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,1,2-Trichloroethane	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Trichloroethylene	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Trichlorofluoromethane (Freon 11)	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2,3-Trichloropropane	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,2,4-Trimethylbenzene	1.2	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
1,3,5-Trimethylbenzene	0.34	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Vinyl Chloride	ND	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
m+p Xylene	0.93	0.15	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
o-Xylene	0.087	0.076	mg/Kg dry	1		SW-846 8260C	2/13/17	2/19/17 14:39	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		95.6	70-130					2/19/17 14:39	
Toluene-d8		98.2	70-130					2/19/17 14:39	
4-Bromofluorobenzene		101	70-130					2/19/17 14:39	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Sampled: 2/9/2017 10:45

Field Sample #: LB-12-4-4.5

Sample ID: 17B0503-50

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.7		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 2-4-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-51

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.28	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Acetophenone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Aniline	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Benzidine	ND	0.83	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Benzo(a)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Benzo(a)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Benzo(b)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
4-Chloroaniline	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
4-Chloro-3-methylphenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Chrysene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
1,2-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
1,3-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
1,4-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2,4-Dinitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 17:36	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Fluoranthene	0.37	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 2-4-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-51

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
4-Nitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
N-Nitrosodimethylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Phenanthrene	0.27	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Pyrene	0.34	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 17:36	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		53.5	30-130					2/16/17 17:36	
Phenol-d6		57.6	30-130					2/16/17 17:36	
Nitrobenzene-d5		40.8	30-130					2/16/17 17:36	
2-Fluorobiphenyl		72.9	30-130					2/16/17 17:36	
2,4,6-Tribromophenol		68.9	30-130					2/16/17 17:36	
p-Terphenyl-d14		62.7	30-130					2/16/17 17:36	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 2-4-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-51

Sample Matrix: Soil

Sample Flags: DL-04

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.13	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Aldrin [1]	ND	0.013	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
alpha-BHC [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
beta-BHC [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
delta-BHC [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
gamma-BHC (Lindane) [1]	ND	0.013	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Chlordane [1]	ND	0.13	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
4,4'-DDD [1]	ND	0.0063	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
4,4'-DDE [1]	ND	0.0063	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
4,4'-DDT [1]	ND	0.0063	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Dieldrin [1]	ND	0.013	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Endosulfan I [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Endosulfan II [1]	ND	0.050	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Endosulfan sulfate [1]	ND	0.050	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Endrin [1]	ND	0.050	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Endrin aldehyde [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/13/17	2/16/17 1:48	PJG
Endrin ketone [1]	ND	0.050	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Heptachlor [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Heptachlor epoxide [1]	ND	0.031	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Hexachlorobenzene [1]	ND	0.038	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Methoxychlor [1]	ND	0.31	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Toxaphene [1]	ND	0.63	mg/Kg dry	5		SW-846 8081B	2/13/17	2/16/17 16:31	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		75.3	30-150					2/16/17 16:31	
Decachlorobiphenyl [2]		83.1	30-150					2/16/17 16:31	
Tetrachloro-m-xylene [1]		86.7	30-150					2/16/17 16:31	
Tetrachloro-m-xylene [2]		85.4	30-150					2/16/17 16:31	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 2-4-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-51

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Aroclor-1254 [1]	1.3	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/13/17	2/16/17 0:26	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	77.5		30-150				2/16/17 0:26		
Decachlorobiphenyl [2]	71.5		30-150				2/16/17 0:26		
Tetrachloro-m-xylene [1]	87.5		30-150				2/16/17 0:26		
Tetrachloro-m-xylene [2]	88.4		30-150				2/16/17 0:26		

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 2-4-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-51

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	3.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Antimony	32	3.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Arsenic	18	3.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Barium	480	3.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Beryllium	0.85	0.31		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Cadmium	0.52	0.31		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Calcium	20000	9.3		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Chromium	330	0.62		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Cobalt	23	3.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Copper	230	0.62		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Iron	91000	62		mg/Kg dry	20		SW-846 6010C-D	2/16/17	2/20/17 17:28	QNW
Lead	360	0.93		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Magnesium	7300	19		mg/Kg dry	2		SW-846 6010C-D	2/16/17	2/20/17 17:33	QNW
Manganese	1400	0.62		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Mercury	0.081	0.031		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 10:25	TJK
Nickel	250	0.62		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Potassium	1300	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Selenium	ND	6.2	1.4	mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Silver	1.9	0.62		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Sodium	140	120		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Thallium	ND	3.1		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Vanadium	42	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW
Zinc	360	1.2		mg/Kg dry	1		SW-846 6010C-D	2/16/17	2/17/17 17:18	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-28-Comp 2-4-11

Sampled: 2/9/2017 15:00

Sample ID: 17B0503-51

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.50	mg/Kg dry	1		SW-846 9014	2/15/17	2/16/17 19:45	DJM
% Solids	79.5		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 1-0-4

Sampled: 2/10/2017 10:15

Sample ID: 17B0503-52

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.57	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Acetophenone	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Aniline	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Anthracene	0.86	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Benzidine	ND	1.5	mg/Kg dry	2	V-05, R-05, V-04	SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Benzo(a)anthracene	2.5	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Benzo(a)pyrene	2.1	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Benzo(b)fluoranthene	2.6	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Benzo(g,h,i)perylene	1.2	0.39	mg/Kg dry	2	V-05	SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Benzo(k)fluoranthene	1.1	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Benzoic Acid	ND	2.3	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Bis(2-chloroethoxy)methane	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Bis(2-chloroethyl)ether	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Bis(2-chloroisopropyl)ether	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
4-Bromophenylphenylether	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Butylbenzylphthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Carbazole	0.57	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
4-Chloro-3-methylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2-Chloronaphthalene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2-Chlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
4-Chlorophenylphenylether	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Chrysene	2.5	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	2	V-05	SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Dibenzofuran	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Di-n-butylphthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
1,2-Dichlorobenzene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
1,3-Dichlorobenzene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
1,4-Dichlorobenzene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2,4-Dichlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Diethylphthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2,4-Dimethylphenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Dimethylphthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
4,6-Dinitro-2-methylphenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2,4-Dinitrotoluene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2,6-Dinitrotoluene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Di-n-octylphthalate	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Fluoranthene	4.8	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Fluorene	0.52	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 1-0-4

Sampled: 2/10/2017 10:15

Sample ID: 17B0503-52

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Hexachlorobutadiene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Hexachlorocyclopentadiene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Hexachloroethane	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Indeno(1,2,3-cd)pyrene	1.4	0.39	mg/Kg dry	2	V-05	SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Isophorone	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
1-Methylnaphthalene	ND	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2-Methylnaphthalene	ND	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2-Methylphenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
3/4-Methylphenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Naphthalene	0.52	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2-Nitroaniline	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
3-Nitroaniline	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
4-Nitroaniline	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Nitrobenzene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2-Nitrophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
N-Nitrosodimethylamine	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
N-Nitrosodiphenylamine	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
N-Nitrosodi-n-propylamine	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Pentachloronitrobenzene	ND	0.79	mg/Kg dry	2	V-16	SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Pentachlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Phenanthrene	4.4	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Phenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Pyrene	4.8	0.39	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Pyridine	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
1,2,4-Trichlorobenzene	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2,4,5-Trichlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
2,4,6-Trichlorophenol	ND	0.79	mg/Kg dry	2		SW-846 8270D	2/13/17	2/17/17 21:28	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		48.1	30-130					2/17/17 21:28	
Phenol-d6		52.6	30-130					2/17/17 21:28	
Nitrobenzene-d5		57.4	30-130					2/17/17 21:28	
2-Fluorobiphenyl		66.9	30-130					2/17/17 21:28	
2,4,6-Tribromophenol		12.7	30-130		S-07			2/17/17 21:28	
p-Terphenyl-d14		66.0	30-130					2/17/17 21:28	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 1-0-4

Sampled: 2/10/2017 10:15

Sample ID: 17B0503-52

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Aroclor-1254 [1]	1.3	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/14/17	2/17/17 18:58	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		67.3	30-150					2/17/17 18:58	
Decachlorobiphenyl [2]		62.1	30-150					2/17/17 18:58	
Tetrachloro-m-xylene [1]		79.9	30-150					2/17/17 18:58	
Tetrachloro-m-xylene [2]		75.1	30-150					2/17/17 18:58	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 1-0-4

Sampled: 2/10/2017 10:15

Sample ID: 17B0503-52

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.9	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:28	SHN
Barium	140	2.9		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:28	SHN
Cadmium	1.0	0.29		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:28	SHN
Chromium	27	0.58		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:28	SHN
Lead	130	0.87		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:28	SHN
Mercury	0.10	0.029		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 10:26	TJK
Selenium	ND	5.8	1.3	mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:28	SHN
Silver	ND	0.58		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:28	SHN

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 1-0-4

Sampled: 2/10/2017 10:15

Sample ID: 17B0503-52

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 2-4-9.3

Sampled: 2/10/2017 10:25

Sample ID: 17B0503-53

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Aniline	ND	0.41	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Benzidine	ND	0.79	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Butylbenzylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
4-Chloroaniline	ND	0.79	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
4-Chloro-3-methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
4-Chlorophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Dibenzofuran	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Dimethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
4,6-Dinitro-2-methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2,4-Dinitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Di-n-octylphthalate	ND	0.41	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 18:18	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 2-4-9.3

Sampled: 2/10/2017 10:25

Sample ID: 17B0503-53

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Hexachlorocyclopentadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Hexachloroethane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
3-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
4-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Nitrobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
4-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
N-Nitrosodimethylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
N-Nitrosodiphenylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
N-Nitrosodi-n-propylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Pentachloronitrobenzene	ND	0.41	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Pentachlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Pyridine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:18	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		60.2	30-130					2/16/17 18:18	
Phenol-d6		63.4	30-130					2/16/17 18:18	
Nitrobenzene-d5		63.2	30-130					2/16/17 18:18	
2-Fluorobiphenyl		80.8	30-130					2/16/17 18:18	
2,4,6-Tribromophenol		59.9	30-130					2/16/17 18:18	
p-Terphenyl-d14		88.9	30-130					2/16/17 18:18	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 2-4-9.3

Sampled: 2/10/2017 10:25

Sample ID: 17B0503-53

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Aroclor-1221 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Aroclor-1232 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Aroclor-1242 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Aroclor-1248 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Aroclor-1254 [1]	0.027	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Aroclor-1260 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Aroclor-1262 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Aroclor-1268 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/14/17	2/17/17 19:15	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		80.2	30-150					2/17/17 19:15	
Decachlorobiphenyl [2]		83.0	30-150					2/17/17 19:15	
Tetrachloro-m-xylene [1]		84.7	30-150					2/17/17 19:15	
Tetrachloro-m-xylene [2]		77.0	30-150					2/17/17 19:15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 2-4-9.3

Sampled: 2/10/2017 10:25

Sample ID: 17B0503-53

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.3	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:34	SHN
Barium	110	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:34	SHN
Cadmium	0.78	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:34	SHN
Chromium	17	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:34	SHN
Lead	86	0.90		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:34	SHN
Mercury	0.080	0.030		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 10:27	TJK
Selenium	2.9	6.0	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 19:34	SHN
Silver	ND	0.60		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:34	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-29-Comp 2-4-9.3

Sampled: 2/10/2017 10:25

Sample ID: 17B0503-53

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.2		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 3-10-15

Sampled: 2/9/2017 10:30

Sample ID: 17B0503-54

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Aniline	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Benzidine	ND	0.82	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Benzo(a)anthracene	0.58	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Benzo(a)pyrene	0.48	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Benzo(b)fluoranthene	0.78	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Benzo(g,h,i)perylene	0.41	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
4-Chloroaniline	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
4-Chloro-3-methylphenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Chrysene	0.65	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2,4-Dinitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1	V-05	SW-846 8270D	2/13/17	2/16/17 18:40	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Fluoranthene	1.3	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Fluorene	0.35	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 3-10-15

Sampled: 2/9/2017 10:30

Sample ID: 17B0503-54

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Indeno(1,2,3-cd)pyrene	0.44	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
1-Methylnaphthalene	0.29	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2-Methylnaphthalene	0.39	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Naphthalene	0.48	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
4-Nitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Phenanthrene	1.6	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Pyrene	1.3	0.21	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/13/17	2/16/17 18:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	37.5	30-130	
Phenol-d6	44.0	30-130	
Nitrobenzene-d5	10.8	* 30-130	S-07
2-Fluorobiphenyl	56.7	30-130	
2,4,6-Tribromophenol	24.4	* 30-130	S-07
p-Terphenyl-d14	48.2	30-130	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 3-10-15

Sampled: 2/9/2017 10:30

Sample ID: 17B0503-54

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Aroclor-1221 [1]	ND	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Aroclor-1232 [1]	ND	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Aroclor-1242 [1]	ND	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Aroclor-1248 [1]	ND	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Aroclor-1254 [2]	2.9	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Aroclor-1260 [1]	ND	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Aroclor-1262 [1]	ND	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Aroclor-1268 [1]	ND	0.50	mg/Kg dry	20		SW-846 8082A	2/14/17	2/18/17 0:10	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	55.1		30-150				2/18/17 0:10		
Decachlorobiphenyl [2]	65.1		30-150				2/18/17 0:10		
Tetrachloro-m-xylene [1]	74.6		30-150				2/18/17 0:10		
Tetrachloro-m-xylene [2]	74.9		30-150				2/18/17 0:10		

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 3-10-15

Sampled: 2/9/2017 10:30

Sample ID: 17B0503-54

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.4	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:39	SHN
Barium	910	3.0		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:39	SHN
Cadmium	6.0	0.30		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:39	SHN
Chromium	340	0.59		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:39	SHN
Lead	1800	0.89		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:39	SHN
Mercury	0.21	0.031		mg/Kg dry	1		SW-846 7471B	2/17/17	2/20/17 10:29	TJK
Selenium	5.2	5.9	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/17/17	2/20/17 19:39	SHN
Silver	2.1	0.59		mg/Kg dry	1		SW-846 6010C-D	2/17/17	2/20/17 19:39	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: LB-13-Comp 3-10-15

Sampled: 2/9/2017 10:30

Sample ID: 17B0503-54

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.7		% Wt	1		SM 2540G	2/15/17	2/16/17 8:39	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: Trip Blank

Sampled: 2/9/2017 00:00

Sample ID: 17B0503-55

Sample Matrix: Trip Blank Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	2/16/17	2/17/17 13:27	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05	SW-846 8260C	2/16/17	2/17/17 13:27	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0503

Date Received: 2/11/2017

Field Sample #: Trip Blank

Sampled: 2/9/2017 00:00

Sample ID: 17B0503-55

Sample Matrix: Trip Blank Water

Sample Flags: PR-08

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 13:27	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		87.0	70-130					2/17/17 13:27	
Toluene-d8		99.4	70-130					2/17/17 13:27	
4-Bromofluorobenzene		95.7	70-130					2/17/17 13:27	

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17B0503-01 [LB-14-Comp 1-0-4]	B170498	02/15/17
17B0503-02 [LB-15-Comp 1-0-4]	B170498	02/15/17
17B0503-03 [LB-14-Comp 2-4-10.5]	B170498	02/15/17
17B0503-04 [LB-15-Comp 2-4-8.5]	B170498	02/15/17
17B0503-05 [LB-18-Comp 1-0-4]	B170498	02/15/17
17B0503-06 [LB-26-Comp 1-0-4]	B170498	02/15/17
17B0503-07 [LB-26-Comp 2-4-7.8]	B170498	02/15/17
17B0503-08 [LB-27-Comp 1-0-4]	B170498	02/15/17
17B0503-09 [LB-27-Comp 2-4-10.3]	B170498	02/15/17
17B0503-10 [LB-28-Comp 1-0-4]	B170498	02/15/17
17B0503-11 [LB-08-Comp 1-0-4]	B170498	02/15/17
17B0503-12 [LB-08-Comp 2-4-10.2]	B170498	02/15/17
17B0503-13 [LB-09-Comp 1-0-4]	B170498	02/15/17
17B0503-14 [LB-09-Comp 2-4-10.7]	B170498	02/15/17
17B0503-15 [LB-11-Comp 2-4-9]	B170498	02/15/17
17B0503-16 [LB-11-Comp 1-0-4]	B170498	02/15/17
17B0503-17 [LB-12-Comp 1-0-4]	B170498	02/15/17
17B0503-18 [LB-12-Comp 2-4-9]	B170498	02/15/17
17B0503-19 [LB-13-Comp 1-0-4]	B170498	02/15/17
17B0503-20 [LB-13-Comp 2-4-9.8]	B170498	02/15/17
17B0503-21 [LB-27-5.5-6]	B170498	02/15/17
17B0503-22 [LB-28-10.5-11]	B170498	02/15/17
17B0503-23 [LB-01-Comp 1-0-4]	B170498	02/15/17
17B0503-24 [LB-01-Comp 2-4-9.8]	B170498	02/15/17
17B0503-25 [LB-02-Comp 1-0-4]	B170498	02/15/17
17B0503-26 [LB-02-Comp 2-4-9.2]	B170498	02/15/17
17B0503-27 [LB-03-Comp 1-0-4]	B170498	02/15/17
17B0503-28 [LB-03-Comp 2-4-9.9]	B170498	02/15/17
17B0503-29 [LB-07-Comp 1-0-4]	B170498	02/15/17
17B0503-30 [LB-07-Comp 2-4-9.7]	B170498	02/15/17
17B0503-31 [LB-13-3-3.5]	B170498	02/15/17
17B0503-32 [LB-13-5-5.5]	B170498	02/15/17
17B0503-33 [LB-14-3.5-4]	B170498	02/15/17
17B0503-34 [LB-14-5-5.5]	B170498	02/15/17
17B0503-35 [LB-14-10-10.5]	B170498	02/15/17
17B0503-36 [LB-15-3.5-4]	B170498	02/15/17
17B0503-37 [LB-15-5-5.5]	B170498	02/15/17
17B0503-38 [LB-18-0-2]	B170498	02/15/17
17B0503-39 [LB-26-1.3-1.8]	B170498	02/15/17
17B0503-40 [LB-26-4.5-5]	B170498	02/15/17
17B0503-41 [LB-02-8-8.5]	B170498	02/15/17
17B0503-42 [LB-07-1-1.5]	B170498	02/15/17
17B0503-43 [LB-07-4.5-5]	B170498	02/15/17
17B0503-44 [LB-07-8-8.5]	B170498	02/15/17
17B0503-45 [LB-08-9-10]	B170498	02/15/17
17B0503-46 [LB-09-3-3.5]	B170498	02/15/17
17B0503-47 [LB-09-4.5-5]	B170498	02/15/17
17B0503-48 [LB-12-1-1.5]	B170498	02/15/17
17B0503-49 [LB-12-1.5-2]	B170498	02/15/17
17B0503-50 [LB-12-4-4.5]	B170498	02/15/17
17B0503-51 [LB-28-Comp 2-4-11]	B170498	02/15/17
17B0503-52 [LB-29-Comp 1-0-4]	B170498	02/15/17
17B0503-53 [LB-29-Comp 2-4-9.3]	B170498	02/15/17
17B0503-54 [LB-13-Comp 3-10-15]	B170498	02/15/17

Sample Extraction Data

Prep Method: SW-846 3051-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-02 [LB-15-Comp 1-0-4]	B170631	1.03	50.0	02/16/17
17B0503-04 [LB-15-Comp 2-4-8.5]	B170631	1.07	50.0	02/16/17
17B0503-05 [LB-18-Comp 1-0-4]	B170631	1.01	50.0	02/16/17
17B0503-12 [LB-08-Comp 2-4-10.2]	B170631	1.05	50.0	02/16/17
17B0503-16 [LB-11-Comp 1-0-4]	B170631	1.04	50.0	02/16/17
17B0503-26 [LB-02-Comp 2-4-9.2]	B170631	1.02	50.0	02/16/17
17B0503-51 [LB-28-Comp 2-4-11]	B170631	1.02	50.0	02/16/17

Prep Method: SW-846 3051-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-01 [LB-14-Comp 1-0-4]	B170657	1.04	50.0	02/17/17
17B0503-03 [LB-14-Comp 2-4-10.5]	B170657	1.06	50.0	02/17/17
17B0503-06 [LB-26-Comp 1-0-4]	B170657	1.04	50.0	02/17/17
17B0503-07 [LB-26-Comp 2-4-7.8]	B170657	1.03	50.0	02/17/17
17B0503-08 [LB-27-Comp 1-0-4]	B170657	1.01	50.0	02/17/17
17B0503-09 [LB-27-Comp 2-4-10.3]	B170657	1.00	50.0	02/17/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-10 [LB-28-Comp 1-0-4]	B170760	1.00	50.0	02/17/17
17B0503-11 [LB-08-Comp 1-0-4]	B170760	1.02	50.0	02/17/17
17B0503-13 [LB-09-Comp 1-0-4]	B170760	1.01	50.0	02/17/17
17B0503-14 [LB-09-Comp 2-4-10.7]	B170760	1.04	50.0	02/17/17
17B0503-15 [LB-11-Comp 2-4-9]	B170760	1.05	50.0	02/17/17
17B0503-17 [LB-12-Comp 1-0-4]	B170760	1.04	50.0	02/17/17
17B0503-18 [LB-12-Comp 2-4-9]	B170760	0.999	50.0	02/17/17
17B0503-19 [LB-13-Comp 1-0-4]	B170760	1.01	50.0	02/17/17
17B0503-20 [LB-13-Comp 2-4-9.8]	B170760	1.01	50.0	02/17/17
17B0503-23 [LB-01-Comp 1-0-4]	B170760	1.02	50.0	02/17/17
17B0503-24 [LB-01-Comp 2-4-9.8]	B170760	1.03	50.0	02/17/17
17B0503-25 [LB-02-Comp 1-0-4]	B170760	1.04	50.0	02/17/17
17B0503-27 [LB-03-Comp 1-0-4]	B170760	1.04	50.0	02/17/17
17B0503-28 [LB-03-Comp 2-4-9.9]	B170760	0.998	50.0	02/17/17
17B0503-29 [LB-07-Comp 1-0-4]	B170760	1.04	50.0	02/17/17
17B0503-30 [LB-07-Comp 2-4-9.7]	B170760	1.06	50.0	02/17/17
17B0503-52 [LB-29-Comp 1-0-4]	B170760	0.999	50.0	02/17/17
17B0503-53 [LB-29-Comp 2-4-9.3]	B170760	0.999	50.0	02/17/17
17B0503-54 [LB-13-Comp 3-10-15]	B170760	1.05	50.0	02/17/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-01 [LB-14-Comp 1-0-4]	B170638	0.610	50.0	02/16/17
17B0503-02 [LB-15-Comp 1-0-4]	B170638	0.607	50.0	02/16/17
17B0503-03 [LB-14-Comp 2-4-10.5]	B170638	0.614	50.0	02/16/17
17B0503-04 [LB-15-Comp 2-4-8.5]	B170638	0.605	50.0	02/16/17
17B0503-05 [LB-18-Comp 1-0-4]	B170638	0.613	50.0	02/16/17
17B0503-06 [LB-26-Comp 1-0-4]	B170638	0.602	50.0	02/16/17
17B0503-07 [LB-26-Comp 2-4-7.8]	B170638	0.618	50.0	02/16/17

Sample Extraction Data

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-08 [LB-27-Comp 1-0-4]	B170638	0.604	50.0	02/16/17
17B0503-09 [LB-27-Comp 2-4-10.3]	B170638	0.614	50.0	02/16/17
17B0503-10 [LB-28-Comp 1-0-4]	B170638	0.604	50.0	02/16/17
17B0503-11 [LB-08-Comp 1-0-4]	B170638	0.608	50.0	02/16/17
17B0503-12 [LB-08-Comp 2-4-10.2]	B170638	0.601	50.0	02/16/17
17B0503-13 [LB-09-Comp 1-0-4]	B170638	0.607	50.0	02/16/17
17B0503-14 [LB-09-Comp 2-4-10.7]	B170638	0.613	50.0	02/16/17
17B0503-15 [LB-11-Comp 2-4-9]	B170638	0.605	50.0	02/16/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-16 [LB-11-Comp 1-0-4]	B170739	0.612	50.0	02/17/17
17B0503-17 [LB-12-Comp 1-0-4]	B170739	0.614	50.0	02/17/17
17B0503-18 [LB-12-Comp 2-4-9]	B170739	0.601	50.0	02/17/17
17B0503-19 [LB-13-Comp 1-0-4]	B170739	0.616	50.0	02/17/17
17B0503-20 [LB-13-Comp 2-4-9.8]	B170739	0.609	50.0	02/17/17
17B0503-23 [LB-01-Comp 1-0-4]	B170739	0.608	50.0	02/17/17
17B0503-24 [LB-01-Comp 2-4-9.8]	B170739	0.614	50.0	02/17/17
17B0503-25 [LB-02-Comp 1-0-4]	B170739	0.608	50.0	02/17/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-27 [LB-03-Comp 1-0-4]	B170762	0.618	50.0	02/17/17
17B0503-28 [LB-03-Comp 2-4-9.9]	B170762	0.597	50.0	02/17/17
17B0503-29 [LB-07-Comp 1-0-4]	B170762	0.602	50.0	02/17/17
17B0503-30 [LB-07-Comp 2-4-9.7]	B170762	0.605	50.0	02/17/17
17B0503-51 [LB-28-Comp 2-4-11]	B170762	0.604	50.0	02/17/17
17B0503-52 [LB-29-Comp 1-0-4]	B170762	0.608	50.0	02/17/17
17B0503-53 [LB-29-Comp 2-4-9.3]	B170762	0.596	50.0	02/17/17
17B0503-54 [LB-13-Comp 3-10-15]	B170762	0.606	50.0	02/17/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-26RE1 [LB-02-Comp 2-4-9.2]	B170901	0.602	50.0	02/21/17

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-02 [LB-15-Comp 1-0-4]	B170237	10.0	10.0	02/13/17
17B0503-04 [LB-15-Comp 2-4-8.5]	B170237	10.0	10.0	02/13/17
17B0503-05 [LB-18-Comp 1-0-4]	B170237	10.0	10.0	02/13/17
17B0503-12 [LB-08-Comp 2-4-10.2]	B170237	10.0	10.0	02/13/17
17B0503-16 [LB-11-Comp 1-0-4]	B170237	10.0	10.0	02/13/17
17B0503-26 [LB-02-Comp 2-4-9.2]	B170237	10.0	10.0	02/13/17
17B0503-51 [LB-28-Comp 2-4-11]	B170237	10.0	10.0	02/13/17

Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-02 [LB-15-Comp 1-0-4]	B170238	10.0	10.0	02/13/17
17B0503-04 [LB-15-Comp 2-4-8.5]	B170238	10.0	10.0	02/13/17
17B0503-05 [LB-18-Comp 1-0-4]	B170238	10.0	10.0	02/13/17
17B0503-12 [LB-08-Comp 2-4-10.2]	B170238	10.0	10.0	02/13/17
17B0503-16 [LB-11-Comp 1-0-4]	B170238	10.0	10.0	02/13/17
17B0503-26 [LB-02-Comp 2-4-9.2]	B170238	10.0	10.0	02/13/17
17B0503-51 [LB-28-Comp 2-4-11]	B170238	10.0	10.0	02/13/17

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-01 [LB-14-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-03 [LB-14-Comp 2-4-10.5]	B170375	10.0	10.0	02/14/17
17B0503-06 [LB-26-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-07 [LB-26-Comp 2-4-7.8]	B170375	10.0	10.0	02/14/17
17B0503-08 [LB-27-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-09 [LB-27-Comp 2-4-10.3]	B170375	10.0	10.0	02/14/17
17B0503-10 [LB-28-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-11 [LB-08-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-13 [LB-09-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-14 [LB-09-Comp 2-4-10.7]	B170375	10.0	10.0	02/14/17
17B0503-15 [LB-11-Comp 2-4-9]	B170375	10.1	10.0	02/14/17
17B0503-17 [LB-12-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-18 [LB-12-Comp 2-4-9]	B170375	10.0	10.0	02/14/17
17B0503-19 [LB-13-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-20 [LB-13-Comp 2-4-9.8]	B170375	10.0	10.0	02/14/17
17B0503-23 [LB-01-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-24 [LB-01-Comp 2-4-9.8]	B170375	10.1	10.0	02/14/17
17B0503-25 [LB-02-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-27 [LB-03-Comp 1-0-4]	B170375	10.0	10.0	02/14/17
17B0503-28 [LB-03-Comp 2-4-9.9]	B170375	10.0	10.0	02/14/17

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-29 [LB-07-Comp 1-0-4]	B170377	10.0	10.0	02/14/17
17B0503-30 [LB-07-Comp 2-4-9.7]	B170377	10.0	10.0	02/14/17
17B0503-52 [LB-29-Comp 1-0-4]	B170377	10.0	10.0	02/14/17
17B0503-53 [LB-29-Comp 2-4-9.3]	B170377	10.0	10.0	02/14/17
17B0503-54 [LB-13-Comp 3-10-15]	B170377	10.0	10.0	02/14/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
17B0503-37 [LB-15-5-5.5]	B170239	14.4	18.6	1	50	02/13/17
17B0503-39 [LB-26-1.3-1.8]	B170239	14.8	17.6	1	50	02/13/17
17B0503-42 [LB-07-1-1.5]	B170239	15.4	17.9	1	50	02/13/17
17B0503-43 [LB-07-4.5-5]	B170239	15.2	18.7	1	50	02/13/17
17B0503-44 [LB-07-8-8.5]	B170239	15.1	16.8	1	50	02/13/17
17B0503-46 [LB-09-3-3.5]	B170239	15.2	17.7	0.25	50	02/13/17
17B0503-47 [LB-09-4.5-5]	B170239	15.5	18.2	0.25	50	02/13/17

Sample Extraction Data

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
17B0503-48 [LB-12-1-1.5]	B170239	14.8	19.0	1	50	02/13/17
17B0503-49 [LB-12-1.5-2]	B170239	15.2	18.6	0.5	50	02/13/17
17B0503-50 [LB-12-4-4.5]	B170239	15.2	18.2	1	50	02/13/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-21 [LB-27-5.5-6]	B170319	5.40	10.0	02/13/17
17B0503-22 [LB-28-10.5-11]	B170319	4.80	10.0	02/13/17
17B0503-31 [LB-13-3-3.5]	B170319	5.09	10.0	02/13/17
17B0503-32 [LB-13-5-5.5]	B170319	5.15	10.0	02/13/17
17B0503-34 [LB-14-5-5.5]	B170319	5.08	10.0	02/13/17
17B0503-35 [LB-14-10-10.5]	B170319	4.90	10.0	02/13/17
17B0503-36 [LB-15-3.5-4]	B170319	4.90	10.0	02/13/17
17B0503-38 [LB-18-0-2]	B170319	5.11	10.0	02/13/17
17B0503-40 [LB-26-4.5-5]	B170319	5.10	10.0	02/13/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-22RE1 [LB-28-10.5-11]	B170370	5.33	10.0	02/14/17
17B0503-41 [LB-02-8-8.5]	B170370	4.86	10.0	02/14/17
17B0503-45 [LB-08-9-10]	B170370	5.77	10.0	02/14/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
17B0503-33 [LB-14-3.5-4]	B170812	13.5	15.0	1	50	02/20/17

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0503-55 [Trip Blank]	B170743	5	5.00	02/16/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-23 [LB-01-Comp 1-0-4]	B170235	30.0	1.00	02/13/17
17B0503-24 [LB-01-Comp 2-4-9.8]	B170235	30.0	1.00	02/13/17
17B0503-26 [LB-02-Comp 2-4-9.2]	B170235	30.0	1.00	02/13/17
17B0503-26RE1 [LB-02-Comp 2-4-9.2]	B170235	30.0	1.00	02/13/17
17B0503-27 [LB-03-Comp 1-0-4]	B170235	30.0	1.00	02/13/17
17B0503-28 [LB-03-Comp 2-4-9.9]	B170235	30.0	1.00	02/13/17
17B0503-29 [LB-07-Comp 1-0-4]	B170235	30.1	1.00	02/13/17
17B0503-51 [LB-28-Comp 2-4-11]	B170235	30.0	1.00	02/13/17
17B0503-52 [LB-29-Comp 1-0-4]	B170235	30.0	1.00	02/13/17
17B0503-53 [LB-29-Comp 2-4-9.3]	B170235	30.0	1.00	02/13/17
17B0503-54 [LB-13-Comp 3-10-15]	B170235	30.0	1.00	02/13/17

Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-01 [LB-14-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-02 [LB-15-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-03 [LB-14-Comp 2-4-10.5]	B170411	30.0	1.00	02/14/17
17B0503-04 [LB-15-Comp 2-4-8.5]	B170411	30.0	1.00	02/14/17
17B0503-05 [LB-18-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-06 [LB-26-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-07 [LB-26-Comp 2-4-7.8]	B170411	30.0	1.00	02/14/17
17B0503-08 [LB-27-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-08RE1 [LB-27-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-09 [LB-27-Comp 2-4-10.3]	B170411	30.0	1.00	02/14/17
17B0503-10 [LB-28-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-10RE1 [LB-28-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-10RE2 [LB-28-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-11 [LB-08-Comp 1-0-4]	B170411	30.1	1.00	02/14/17
17B0503-12 [LB-08-Comp 2-4-10.2]	B170411	30.0	1.00	02/14/17
17B0503-13 [LB-09-Comp 1-0-4]	B170411	30.1	1.00	02/14/17
17B0503-13RE1 [LB-09-Comp 1-0-4]	B170411	30.1	1.00	02/14/17
17B0503-14 [LB-09-Comp 2-4-10.7]	B170411	30.0	1.00	02/14/17
17B0503-15 [LB-11-Comp 2-4-9]	B170411	30.0	1.00	02/14/17
17B0503-16 [LB-11-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-17 [LB-12-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-18 [LB-12-Comp 2-4-9]	B170411	30.0	1.00	02/14/17
17B0503-19 [LB-13-Comp 1-0-4]	B170411	30.0	1.00	02/14/17
17B0503-19RE1 [LB-13-Comp 1-0-4]	B170411	30.0	1.00	02/14/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-02RE1 [LB-15-Comp 1-0-4]	B170675	30.2	1.00	02/17/17
17B0503-05RE1 [LB-18-Comp 1-0-4]	B170675	30.2	1.00	02/17/17
17B0503-20RE1 [LB-13-Comp 2-4-9.8]	B170675	30.0	1.00	02/17/17
17B0503-25RE1 [LB-02-Comp 1-0-4]	B170675	30.1	1.00	02/17/17
17B0503-30RE1 [LB-07-Comp 2-4-9.7]	B170675	30.0	1.00	02/17/17

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0503-02 [LB-15-Comp 1-0-4]	B170515	1.08	50.0	02/15/17
17B0503-04 [LB-15-Comp 2-4-8.5]	B170515	1.01	50.0	02/15/17
17B0503-05 [LB-18-Comp 1-0-4]	B170515	1.06	50.0	02/15/17
17B0503-12 [LB-08-Comp 2-4-10.2]	B170515	1.13	50.0	02/15/17
17B0503-16 [LB-11-Comp 1-0-4]	B170515	1.11	50.0	02/15/17
17B0503-26 [LB-02-Comp 2-4-9.2]	B170515	1.06	50.0	02/15/17
17B0503-51 [LB-28-Comp 2-4-11]	B170515	1.26	50.0	02/15/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170239 - SW-846 5035

Blank (B170239-BLK1)

Prepared: 02/13/17 Analyzed: 02/19/17

Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.10	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	1.0	mg/Kg wet							V-05
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							L-04, V-05
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							L-04, V-05
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl Acetate	ND	0.50	mg/Kg wet							L-04, V-05

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170239 - SW-846 5035

Blank (B170239-BLK1)

Prepared: 02/13/17 Analyzed: 02/19/17

Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methyl Cyclohexane	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.50	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0241		mg/Kg wet	0.0250		96.4	70-130			
Surrogate: Toluene-d8	0.0247		mg/Kg wet	0.0250		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0237		mg/Kg wet	0.0250		94.8	70-130			

LCS (B170239-BS1)

Prepared: 02/13/17 Analyzed: 02/19/17

Acetone	0.0985	0.057	mg/Kg wet	0.113		86.9	70-160			†
Acrylonitrile	0.0109	0.0057	mg/Kg wet	0.0113		96.6	70-130			
tert-Amyl Methyl Ether (TAME)	0.00952	0.00057	mg/Kg wet	0.0113		84.0	70-130			
Benzene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
Bromobenzene	0.0104	0.0011	mg/Kg wet	0.0113		91.7	70-130			
Bromochloromethane	0.0107	0.0011	mg/Kg wet	0.0113		94.0	70-130			
Bromodichloromethane	0.0108	0.0011	mg/Kg wet	0.0113		95.5	70-130			
Bromoform	0.0102	0.0023	mg/Kg wet	0.0113		90.0	70-130			
Bromomethane	0.00466	0.0023	mg/Kg wet	0.0113		41.1	40-130			†
2-Butanone (MEK)	0.0832	0.023	mg/Kg wet	0.113		73.4	70-160			†
tert-Butyl Alcohol (TBA)	0.0875	0.023	mg/Kg wet	0.113		77.2	40-130		V-05	†
n-Butylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
sec-Butylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			
tert-Butylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.4	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.00951	0.00057	mg/Kg wet	0.0113		83.9	70-130			
Carbon Disulfide	0.0116	0.0034	mg/Kg wet	0.0113		102	70-130			
Carbon Tetrachloride	0.0113	0.0011	mg/Kg wet	0.0113		99.3	70-130			
Chlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130			
Chlorodibromomethane	0.0124	0.00057	mg/Kg wet	0.0113		109	70-130			
Chloroethane	0.0110	0.0023	mg/Kg wet	0.0113		97.0	70-130			
Chloroform	0.0102	0.0023	mg/Kg wet	0.0113		89.9	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170239 - SW-846 5035										
LCS (B170239-BS1)										
					Prepared: 02/13/17 Analyzed: 02/19/17					
Chloromethane	0.00294	0.0023	mg/Kg wet	0.0113		25.9	* 70-130			L-04, V-05
2-Chlorotoluene	0.00960	0.0011	mg/Kg wet	0.0113		84.7	70-130			
4-Chlorotoluene	0.0103	0.0011	mg/Kg wet	0.0113		91.3	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.00822	0.0057	mg/Kg wet	0.0113		72.5	70-130			
1,2-Dibromoethane (EDB)	0.0110	0.00057	mg/Kg wet	0.0113		97.4	70-130			
Dibromomethane	0.0112	0.0011	mg/Kg wet	0.0113		99.1	70-130			
1,2-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
1,3-Dichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130			
1,4-Dichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130			
trans-1,4-Dichloro-2-butene	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130			
Dichlorodifluoromethane (Freon 12)	0.00881	0.0023	mg/Kg wet	0.0113		77.7	40-160			†
1,1-Dichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.1	70-130			
1,2-Dichloroethane	0.00935	0.0011	mg/Kg wet	0.0113		82.5	70-130			
1,1-Dichloroethylene	0.0133	0.0011	mg/Kg wet	0.0113		118	70-130			
cis-1,2-Dichloroethylene	0.00977	0.0011	mg/Kg wet	0.0113		86.2	70-130			
trans-1,2-Dichloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
1,2-Dichloropropane	0.00945	0.0011	mg/Kg wet	0.0113		83.4	70-130			
1,3-Dichloropropane	0.0104	0.00057	mg/Kg wet	0.0113		91.9	70-130			
2,2-Dichloropropane	0.00980	0.0011	mg/Kg wet	0.0113		86.5	70-130			
1,1-Dichloropropene	0.0112	0.0023	mg/Kg wet	0.0113		98.5	70-130			
cis-1,3-Dichloropropene	0.00946	0.00057	mg/Kg wet	0.0113		83.5	70-130			
trans-1,3-Dichloropropene	0.0104	0.00057	mg/Kg wet	0.0113		92.2	70-130			
Diethyl Ether	0.0120	0.0023	mg/Kg wet	0.0113		106	70-130			
Diisopropyl Ether (DIPE)	0.00860	0.00057	mg/Kg wet	0.0113		75.9	70-130			
1,4-Dioxane	0.105	0.057	mg/Kg wet	0.113		92.4	40-160			†
Ethylbenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.5	70-130			
Hexachlorobutadiene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-160			
2-Hexanone (MBK)	0.0784	0.011	mg/Kg wet	0.113		69.2	* 70-160			L-04, V-05 †
Isopropylbenzene (Cumene)	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
p-Isopropyltoluene (p-Cymene)	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130			
Methyl Acetate	0.00688	0.011	mg/Kg wet	0.0113		60.7	* 70-130			L-04, V-05
Methyl tert-Butyl Ether (MTBE)	0.0103	0.0011	mg/Kg wet	0.0113		91.2	70-130			
Methyl Cyclohexane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
Methylene Chloride	0.0101	0.0057	mg/Kg wet	0.0113		88.9	40-160			†
4-Methyl-2-pentanone (MIBK)	0.0807	0.011	mg/Kg wet	0.113		71.2	70-160			†
Naphthalene	0.0101	0.0023	mg/Kg wet	0.0113		88.7	40-130			†
n-Propylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		99.1	70-130			
Styrene	0.0105	0.0011	mg/Kg wet	0.0113		92.3	70-130			
1,1,1,2-Tetrachloroethane	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
1,1,2,2-Tetrachloroethane	0.0108	0.00057	mg/Kg wet	0.0113		95.2	70-130			
Tetrachloroethylene	0.0108	0.0011	mg/Kg wet	0.0113		95.7	70-130			
Tetrahydrofuran	0.00906	0.011	mg/Kg wet	0.0113		79.9	70-130			
Toluene	0.0106	0.0011	mg/Kg wet	0.0113		93.8	70-130			
1,2,3-Trichlorobenzene	0.0107	0.0057	mg/Kg wet	0.0113		94.5	70-130			
1,2,4-Trichlorobenzene	0.0111	0.0011	mg/Kg wet	0.0113		97.7	70-130			
1,3,5-Trichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130			
1,1,1-Trichloroethane	0.0105	0.0011	mg/Kg wet	0.0113		92.7	70-130			
1,1,2-Trichloroethane	0.0113	0.0011	mg/Kg wet	0.0113		99.9	70-130			
Trichloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
Trichlorofluoromethane (Freon 11)	0.0127	0.0023	mg/Kg wet	0.0113		112	70-130			
1,2,3-Trichloropropane	0.0106	0.0023	mg/Kg wet	0.0113		93.7	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170239 - SW-846 5035

LCS (B170239-BS1)

Prepared: 02/13/17 Analyzed: 02/19/17

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130			
1,2,4-Trimethylbenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.4	70-130			
1,3,5-Trimethylbenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.4	70-130			
Vinyl Chloride	0.0114	0.0023	mg/Kg wet	0.0113		101	40-130			†
m+p Xylene	0.0215	0.0023	mg/Kg wet	0.0227		94.8	70-130			
o-Xylene	0.0109	0.0011	mg/Kg wet	0.0113		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0275		mg/Kg wet	0.0283		97.0	70-130			
Surrogate: Toluene-d8	0.0281		mg/Kg wet	0.0283		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.0279		mg/Kg wet	0.0283		98.5	70-130			

LCS Dup (B170239-BS1)

Prepared: 02/13/17 Analyzed: 02/19/17

Acetone	0.0955	0.057	mg/Kg wet	0.113		84.3	70-160	3.11	25	†
Acrylonitrile	0.0102	0.0057	mg/Kg wet	0.0113		90.2	70-130	6.85	25	
tert-Amyl Methyl Ether (TAME)	0.00949	0.00057	mg/Kg wet	0.0113		83.7	70-130	0.358	25	
Benzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	0.593	25	
Bromobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.7	70-130	2.16	25	
Bromochloromethane	0.0109	0.0011	mg/Kg wet	0.0113		95.8	70-130	1.90	25	
Bromodichloromethane	0.0103	0.0011	mg/Kg wet	0.0113		91.2	70-130	4.61	25	
Bromoform	0.0103	0.0023	mg/Kg wet	0.0113		91.2	70-130	1.32	25	
Bromomethane	0.00589	0.0023	mg/Kg wet	0.0113		52.0	40-130	23.4	25	†
2-Butanone (MEK)	0.0840	0.023	mg/Kg wet	0.113		74.1	70-160	0.949	25	†
tert-Butyl Alcohol (TBA)	0.0851	0.023	mg/Kg wet	0.113		75.1	40-130	2.81	25	V-05 †
n-Butylbenzene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130	1.49	25	
sec-Butylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	0.950	25	
tert-Butylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-160	2.11	25	†
tert-Butyl Ethyl Ether (TBEE)	0.00959	0.00057	mg/Kg wet	0.0113		84.6	70-130	0.831	25	
Carbon Disulfide	0.0116	0.0034	mg/Kg wet	0.0113		102	70-130	0.00	25	
Carbon Tetrachloride	0.0111	0.0011	mg/Kg wet	0.0113		98.1	70-130	1.22	25	
Chlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	1.78	25	
Chlorodibromomethane	0.0121	0.00057	mg/Kg wet	0.0113		107	70-130	1.95	25	
Chloroethane	0.0111	0.0023	mg/Kg wet	0.0113		98.3	70-130	1.33	25	
Chloroform	0.0103	0.0023	mg/Kg wet	0.0113		90.7	70-130	0.886	25	
Chloromethane	0.00313	0.0023	mg/Kg wet	0.0113		27.6 *	70-130	6.36	25	L-04, V-05
2-Chlorotoluene	0.00971	0.0011	mg/Kg wet	0.0113		85.7	70-130	1.17	25	
4-Chlorotoluene	0.0104	0.0011	mg/Kg wet	0.0113		91.5	70-130	0.219	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.00794	0.0057	mg/Kg wet	0.0113		70.1	70-130	3.37	25	
1,2-Dibromoethane (EDB)	0.0109	0.00057	mg/Kg wet	0.0113		96.6	70-130	0.825	25	
Dibromomethane	0.0113	0.0011	mg/Kg wet	0.0113		99.8	70-130	0.704	25	
1,2-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130	1.28	25	
1,3-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130	1.19	25	
1,4-Dichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	0.496	25	
trans-1,4-Dichloro-2-butene	0.0119	0.0023	mg/Kg wet	0.0113		105	70-130	4.26	25	
Dichlorodifluoromethane (Freon 12)	0.00862	0.0023	mg/Kg wet	0.0113		76.1	40-160	2.08	25	†
1,1-Dichloroethane	0.0106	0.0011	mg/Kg wet	0.0113		93.2	70-130	3.06	25	
1,2-Dichloroethane	0.00970	0.0011	mg/Kg wet	0.0113		85.6	70-130	3.69	25	
1,1-Dichloroethylene	0.0132	0.0011	mg/Kg wet	0.0113		117	70-130	0.769	25	
cis-1,2-Dichloroethylene	0.00985	0.0011	mg/Kg wet	0.0113		86.9	70-130	0.809	25	
trans-1,2-Dichloroethylene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	1.06	25	
1,2-Dichloropropane	0.00942	0.0011	mg/Kg wet	0.0113		83.1	70-130	0.360	25	
1,3-Dichloropropane	0.0107	0.00057	mg/Kg wet	0.0113		94.6	70-130	2.90	25	
2,2-Dichloropropane	0.00962	0.0011	mg/Kg wet	0.0113		84.9	70-130	1.87	25	
1,1-Dichloropropene	0.0109	0.0023	mg/Kg wet	0.0113		95.9	70-130	2.67	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170239 - SW-846 5035

LCS Dup (B170239-BSD1)

Prepared: 02/13/17 Analyzed: 02/19/17

cis-1,3-Dichloropropene	0.00934	0.00057	mg/Kg wet	0.0113		82.4	70-130	1.33	25	
trans-1,3-Dichloropropene	0.0105	0.00057	mg/Kg wet	0.0113		93.0	70-130	0.864	25	
Diethyl Ether	0.0119	0.0023	mg/Kg wet	0.0113		105	70-130	1.14	25	
Diisopropyl Ether (DIPE)	0.00877	0.00057	mg/Kg wet	0.0113		77.4	70-130	1.96	25	
1,4-Dioxane	0.0919	0.057	mg/Kg wet	0.113		81.1	40-160	13.1	50	† ‡
Ethylbenzene	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130	3.56	25	
Hexachlorobutadiene	0.0113	0.0011	mg/Kg wet	0.0113		99.7	70-160	0.600	25	
2-Hexanone (MBK)	0.0755	0.011	mg/Kg wet	0.113		66.7	* 70-160	3.68	25	L-04, V-05 †
Isopropylbenzene (Cumene)	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	1.36	25	
p-Isopropyltoluene (p-Cymene)	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	1.15	25	
Methyl Acetate	0.00703	0.011	mg/Kg wet	0.0113		62.0	* 70-130	2.12	25	L-04, V-05
Methyl tert-Butyl Ether (MTBE)	0.0102	0.0011	mg/Kg wet	0.0113		89.8	70-130	1.55	25	
Methyl Cyclohexane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	0.393	25	
Methylene Chloride	0.0102	0.0057	mg/Kg wet	0.0113		90.1	40-160	1.34	25	†
4-Methyl-2-pentanone (MIBK)	0.0793	0.011	mg/Kg wet	0.113		70.0	70-160	1.74	25	†
Naphthalene	0.00955	0.0023	mg/Kg wet	0.0113		84.3	40-130	5.09	25	†
n-Propylbenzene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130	2.29	25	
Styrene	0.0108	0.0011	mg/Kg wet	0.0113		95.6	70-130	3.51	25	
1,1,1,2-Tetrachloroethane	0.0110	0.0011	mg/Kg wet	0.0113		96.8	70-130	6.01	25	
1,1,2,2-Tetrachloroethane	0.0107	0.00057	mg/Kg wet	0.0113		94.5	70-130	0.738	25	
Tetrachloroethylene	0.0108	0.0011	mg/Kg wet	0.0113		95.0	70-130	0.734	25	
Tetrahydrofuran	0.00927	0.011	mg/Kg wet	0.0113		81.8	70-130	2.35	25	
Toluene	0.0110	0.0011	mg/Kg wet	0.0113		96.8	70-130	3.15	25	
1,2,3-Trichlorobenzene	0.0105	0.0057	mg/Kg wet	0.0113		92.3	70-130	2.36	25	
1,2,4-Trichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.4	70-130	1.72	25	
1,3,5-Trichlorobenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.6	70-130	1.51	25	
1,1,1-Trichloroethane	0.0105	0.0011	mg/Kg wet	0.0113		92.9	70-130	0.216	25	
1,1,2-Trichloroethane	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	2.28	25	
Trichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		99.4	70-130	2.19	25	
Trichlorofluoromethane (Freon 11)	0.0123	0.0023	mg/Kg wet	0.0113		108	70-130	3.72	25	
1,2,3-Trichloropropane	0.0105	0.0023	mg/Kg wet	0.0113		92.7	70-130	1.07	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	1.99	25	
1,2,4-Trimethylbenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.4	70-130	0.00	25	
1,3,5-Trimethylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		99.1	70-130	2.76	25	
Vinyl Chloride	0.0118	0.0023	mg/Kg wet	0.0113		104	40-130	3.42	25	†
m+p Xylene	0.0218	0.0023	mg/Kg wet	0.0227		96.0	70-130	1.21	25	
o-Xylene	0.0110	0.0011	mg/Kg wet	0.0113		97.4	70-130	1.24	25	
Surrogate: 1,2-Dichloroethane-d4	0.0272		mg/Kg wet	0.0283		96.1	70-130			
Surrogate: Toluene-d8	0.0281		mg/Kg wet	0.0283		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.0281		mg/Kg wet	0.0283		99.0	70-130			

Batch B170319 - SW-846 5035

Blank (B170319-BLK1)

Prepared & Analyzed: 02/13/17

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170319 - SW-846 5035										
Blank (B170319-BLK1)										
Prepared & Analyzed: 02/13/17										
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-05
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0020	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0040	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0020	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							V-05
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							V-05
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170319 - SW-846 5035

Blank (B170319-BLK1)

Prepared & Analyzed: 02/13/17

1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0501		mg/Kg wet	0.0500		100	70-130			
Surrogate: Toluene-d8	0.0501		mg/Kg wet	0.0500		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0498		mg/Kg wet	0.0500		99.5	70-130			

LCS (B170319-BS1)

Prepared & Analyzed: 02/13/17

Acetone	0.205	0.10	mg/Kg wet	0.200		103	70-160			†
Acrylonitrile	0.0212	0.0060	mg/Kg wet	0.0200		106	70-130			
tert-Amyl Methyl Ether (TAME)	0.0186	0.0010	mg/Kg wet	0.0200		93.0	70-130			
Benzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Bromobenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
Bromochloromethane	0.0277	0.0020	mg/Kg wet	0.0200		139 *	70-130			L-02
Bromodichloromethane	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130			
Bromoform	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130			
Bromomethane	0.0156	0.010	mg/Kg wet	0.0200		77.8	40-130			†
2-Butanone (MEK)	0.223	0.040	mg/Kg wet	0.200		112	70-160			†
tert-Butyl Alcohol (TBA)	0.116	0.040	mg/Kg wet	0.200		57.8	40-130			V-05 †
n-Butylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
sec-Butylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130			
tert-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0202	0.0010	mg/Kg wet	0.0200		101	70-130			
Carbon Disulfide	0.0228	0.0060	mg/Kg wet	0.0200		114	70-130			
Carbon Tetrachloride	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
Chlorobenzene	0.0237	0.0020	mg/Kg wet	0.0200		119	70-130			
Chlorodibromomethane	0.0257	0.0020	mg/Kg wet	0.0200		129	70-130			
Chloroethane	0.0192	0.020	mg/Kg wet	0.0200		95.8	70-130			
Chloroform	0.0221	0.0040	mg/Kg wet	0.0200		111	70-130			
Chloromethane	0.0249	0.010	mg/Kg wet	0.0200		125	70-130			V-20
2-Chlorotoluene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130			
4-Chlorotoluene	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0213	0.0040	mg/Kg wet	0.0200		107	70-130			
1,2-Dibromoethane (EDB)	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130			
Dibromomethane	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130			
1,2-Dichlorobenzene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
1,3-Dichlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170319 - SW-846 5035										
LCS (B170319-BS1)										
Prepared & Analyzed: 02/13/17										
1,4-Dichlorobenzene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130			
trans-1,4-Dichloro-2-butene	0.0219	0.0040	mg/Kg wet	0.0200		110	70-130			
Dichlorodifluoromethane (Freon 12)	0.0210	0.020	mg/Kg wet	0.0200		105	40-160			†
1,1-Dichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2-Dichloroethane	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130			
1,1-Dichloroethylene	0.0221	0.0040	mg/Kg wet	0.0200		110	70-130			
cis-1,2-Dichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130			
trans-1,2-Dichloroethylene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130			
1,2-Dichloropropane	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130			
1,3-Dichloropropane	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130			
2,2-Dichloropropane	0.0163	0.0020	mg/Kg wet	0.0200		81.5	70-130			V-05
1,1-Dichloropropene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
cis-1,3-Dichloropropene	0.0198	0.0010	mg/Kg wet	0.0200		98.9	70-130			
trans-1,3-Dichloropropene	0.0207	0.0010	mg/Kg wet	0.0200		104	70-130			
Diethyl Ether	0.0204	0.020	mg/Kg wet	0.0200		102	70-130			
Diisopropyl Ether (DIPE)	0.0233	0.0010	mg/Kg wet	0.0200		116	70-130			
1,4-Dioxane	0.217	0.10	mg/Kg wet	0.200		109	40-160			†
Ethylbenzene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130			
Hexachlorobutadiene	0.0254	0.0020	mg/Kg wet	0.0200		127	70-160			
2-Hexanone (MBK)	0.239	0.020	mg/Kg wet	0.200		119	70-160			†
Isopropylbenzene (Cumene)	0.0256	0.0020	mg/Kg wet	0.0200		128	70-130			
p-Isopropyltoluene (p-Cymene)	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
Methyl Acetate	0.0290	0.0020	mg/Kg wet	0.0200		145 *	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0156	0.0040	mg/Kg wet	0.0200		78.0	70-130			V-05
Methyl Cyclohexane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
Methylene Chloride	0.0241	0.020	mg/Kg wet	0.0200		121	40-160			†
4-Methyl-2-pentanone (MIBK)	0.237	0.020	mg/Kg wet	0.200		118	70-160			†
Naphthalene	0.0203	0.0040	mg/Kg wet	0.0200		101	40-130			†
n-Propylbenzene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130			
Styrene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
1,1,1,2-Tetrachloroethane	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130			
1,1,2,2-Tetrachloroethane	0.0215	0.0010	mg/Kg wet	0.0200		107	70-130			
Tetrachloroethylene	0.0256	0.0020	mg/Kg wet	0.0200		128	70-130			
Tetrahydrofuran	0.0194	0.010	mg/Kg wet	0.0200		96.8	70-130			
Toluene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130			
1,2,3-Trichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2,4-Trichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,3,5-Trichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,1,1-Trichloroethane	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
1,1,2-Trichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
Trichloroethylene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
Trichlorofluoromethane (Freon 11)	0.0241	0.010	mg/Kg wet	0.0200		121	70-130			
1,2,3-Trichloropropane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0218	0.010	mg/Kg wet	0.0200		109	70-130			
1,2,4-Trimethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,3,5-Trimethylbenzene	0.0237	0.0020	mg/Kg wet	0.0200		119	70-130			
Vinyl Chloride	0.0199	0.010	mg/Kg wet	0.0200		99.6	40-130			†
m+p Xylene	0.0470	0.0040	mg/Kg wet	0.0400		118	70-130			
o-Xylene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0509		mg/Kg wet	0.0500		102	70-130			
Surrogate: Toluene-d8	0.0512		mg/Kg wet	0.0500		102	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170319 - SW-846 5035

LCS (B170319-BS1)

Prepared & Analyzed: 02/13/17

Surrogate: 4-Bromofluorobenzene	0.0495		mg/Kg wet	0.0500		99.0	70-130			
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LCS Dup (B170319-BSD1)

Prepared & Analyzed: 02/13/17

Acetone	0.211	0.10	mg/Kg wet	0.200		105	70-160	2.56	25	†
Acrylonitrile	0.0214	0.0060	mg/Kg wet	0.0200		107	70-130	1.13	25	
tert-Amyl Methyl Ether (TAME)	0.0185	0.0010	mg/Kg wet	0.0200		92.4	70-130	0.647	25	
Benzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	0.282	25	
Bromobenzene	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	5.11	25	
Bromochloromethane	0.0282	0.0020	mg/Kg wet	0.0200		141 *	70-130	1.50	25	L-02
Bromodichloromethane	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130	0.667	25	
Bromoform	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130	0.648	25	
Bromomethane	0.0159	0.010	mg/Kg wet	0.0200		79.4	40-130	2.04	25	†
2-Butanone (MEK)	0.229	0.040	mg/Kg wet	0.200		114	70-160	2.31	25	†
tert-Butyl Alcohol (TBA)	0.111	0.040	mg/Kg wet	0.200		55.5	40-130	4.05	25	V-05 †
n-Butylbenzene	0.0233	0.0020	mg/Kg wet	0.0200		117	70-130	5.73	25	
sec-Butylbenzene	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130	2.44	25	
tert-Butylbenzene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-160	4.99	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0207	0.0010	mg/Kg wet	0.0200		104	70-130	2.25	25	
Carbon Disulfide	0.0222	0.0060	mg/Kg wet	0.0200		111	70-130	2.66	25	
Carbon Tetrachloride	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	0.569	25	
Chlorobenzene	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130	3.64	25	
Chlorodibromomethane	0.0258	0.0020	mg/Kg wet	0.0200		129	70-130	0.388	25	
Chloroethane	0.0188	0.020	mg/Kg wet	0.0200		94.1	70-130	1.79	25	
Chloroform	0.0221	0.0040	mg/Kg wet	0.0200		111	70-130	0.0904	25	
Chloromethane	0.0241	0.010	mg/Kg wet	0.0200		121	70-130	3.26	25	V-20
2-Chlorotoluene	0.0251	0.0020	mg/Kg wet	0.0200		125	70-130	4.24	25	
4-Chlorotoluene	0.0241	0.0020	mg/Kg wet	0.0200		121	70-130	4.49	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0209	0.0040	mg/Kg wet	0.0200		105	70-130	1.99	25	
1,2-Dibromoethane (EDB)	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	1.94	25	
Dibromomethane	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	3.81	25	
1,2-Dichlorobenzene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	3.56	25	
1,3-Dichlorobenzene	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	4.53	25	
1,4-Dichlorobenzene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	7.36	25	
trans-1,4-Dichloro-2-butene	0.0222	0.0040	mg/Kg wet	0.0200		111	70-130	1.45	25	
Dichlorodifluoromethane (Freon 12)	0.0210	0.020	mg/Kg wet	0.0200		105	40-160	0.0953	25	†
1,1-Dichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130	0.00	25	
1,2-Dichloroethane	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	0.755	25	
1,1-Dichloroethylene	0.0215	0.0040	mg/Kg wet	0.0200		108	70-130	2.66	25	
cis-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	0.400	25	
trans-1,2-Dichloroethylene	0.0243	0.0020	mg/Kg wet	0.0200		121	70-130	0.493	25	
1,2-Dichloropropane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	1.22	25	
1,3-Dichloropropane	0.0221	0.0010	mg/Kg wet	0.0200		111	70-130	4.43	25	
2,2-Dichloropropane	0.0161	0.0020	mg/Kg wet	0.0200		80.6	70-130	1.11	25	V-05
1,1-Dichloropropene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	2.13	25	
cis-1,3-Dichloropropene	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130	1.60	25	
trans-1,3-Dichloropropene	0.0205	0.0010	mg/Kg wet	0.0200		103	70-130	0.776	25	
Diethyl Ether	0.0199	0.020	mg/Kg wet	0.0200		99.4	70-130	2.48	25	
Diisopropyl Ether (DIPE)	0.0235	0.0010	mg/Kg wet	0.0200		118	70-130	0.940	25	
1,4-Dioxane	0.228	0.10	mg/Kg wet	0.200		114	40-160	4.73	50	† ‡
Ethylbenzene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	1.69	25	
Hexachlorobutadiene	0.0253	0.0020	mg/Kg wet	0.0200		126	70-160	0.237	25	
2-Hexanone (MBK)	0.249	0.020	mg/Kg wet	0.200		124	70-160	4.24	25	†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170319 - SW-846 5035										
LCS Dup (B170319-BSD1)										
Prepared & Analyzed: 02/13/17										
Isopropylbenzene (Cumene)	0.0266	0.0020	mg/Kg wet	0.0200		133	* 70-130	3.99	25	L-07
p-Isopropyltoluene (p-Cymene)	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130	5.23	25	
Methyl Acetate	0.0290	0.0020	mg/Kg wet	0.0200		145	* 70-130	0.00	25	L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0161	0.0040	mg/Kg wet	0.0200		80.6	70-130	3.28	25	V-05
Methyl Cyclohexane	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130	0.831	25	
Methylene Chloride	0.0237	0.020	mg/Kg wet	0.0200		119	40-160	1.76	25	†
4-Methyl-2-pentanone (MIBK)	0.243	0.020	mg/Kg wet	0.200		121	70-160	2.49	25	†
Naphthalene	0.0218	0.0040	mg/Kg wet	0.0200		109	40-130	7.51	25	†
n-Propylbenzene	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130	3.53	25	
Styrene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	2.72	25	
1,1,1,2-Tetrachloroethane	0.0245	0.0020	mg/Kg wet	0.0200		122	70-130	2.31	25	
1,1,2,2-Tetrachloroethane	0.0222	0.0010	mg/Kg wet	0.0200		111	70-130	3.30	25	
Tetrachloroethylene	0.0258	0.0020	mg/Kg wet	0.0200		129	70-130	0.935	25	
Tetrahydrofuran	0.0220	0.010	mg/Kg wet	0.0200		110	70-130	12.8	25	
Toluene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	3.10	25	
1,2,3-Trichlorobenzene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	7.10	25	
1,2,4-Trichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	5.02	25	
1,3,5-Trichlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	5.37	25	
1,1,1-Trichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	0.0950	25	
1,1,2-Trichloroethane	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	2.22	25	
Trichloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	1.65	25	
Trichlorofluoromethane (Freon 11)	0.0234	0.010	mg/Kg wet	0.0200		117	70-130	2.86	25	
1,2,3-Trichloropropane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	1.66	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0212	0.010	mg/Kg wet	0.0200		106	70-130	2.88	25	
1,2,4-Trimethylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	1.39	25	
1,3,5-Trimethylbenzene	0.0253	0.0020	mg/Kg wet	0.0200		126	70-130	6.36	25	
Vinyl Chloride	0.0190	0.010	mg/Kg wet	0.0200		94.9	40-130	4.83	25	†
m+p Xylene	0.0487	0.0040	mg/Kg wet	0.0400		122	70-130	3.63	25	
o-Xylene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	1.80	25	
Surrogate: 1,2-Dichloroethane-d4	0.0498		mg/Kg wet	0.0500		99.6	70-130			
Surrogate: Toluene-d8	0.0513		mg/Kg wet	0.0500		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0511		mg/Kg wet	0.0500		102	70-130			

Batch B170370 - SW-846 5035

Blank (B170370-BLK1)

Prepared & Analyzed: 02/14/17

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-05
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170370 - SW-846 5035

Blank (B170370-BLK1)

Prepared & Analyzed: 02/14/17

Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0020	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0020	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							V-05
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170370 - SW-846 5035										
Blank (B170370-BLK1)										
Prepared & Analyzed: 02/14/17										
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0476		mg/Kg wet	0.0500		95.2	70-130			
Surrogate: Toluene-d8	0.0512		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0486		mg/Kg wet	0.0500		97.2	70-130			
LCS (B170370-BS1)										
Prepared & Analyzed: 02/14/17										
Acetone	0.212	0.10	mg/Kg wet	0.200		106	70-160			V-06 †
Acrylonitrile	0.0207	0.0060	mg/Kg wet	0.0200		104	70-130			
tert-Amyl Methyl Ether (TAME)	0.0182	0.0010	mg/Kg wet	0.0200		90.9	70-130			
Benzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
Bromobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
Bromochloromethane	0.0267	0.0020	mg/Kg wet	0.0200		133 *	70-130			L-07, V-20
Bromodichloromethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
Bromoform	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130			
Bromomethane	0.0152	0.010	mg/Kg wet	0.0200		76.2	40-130			†
2-Butanone (MEK)	0.221	0.040	mg/Kg wet	0.200		110	70-160			†
tert-Butyl Alcohol (TBA)	0.111	0.040	mg/Kg wet	0.200		55.3	40-130			V-05 †
n-Butylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
sec-Butylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
tert-Butylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130			
Carbon Disulfide	0.0240	0.0060	mg/Kg wet	0.0200		120	70-130			
Carbon Tetrachloride	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
Chlorobenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
Chlorodibromomethane	0.0245	0.0020	mg/Kg wet	0.0200		123	70-130			
Chloroethane	0.0203	0.020	mg/Kg wet	0.0200		102	70-130			
Chloroform	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130			
Chloromethane	0.0226	0.010	mg/Kg wet	0.0200		113	70-130			V-20
2-Chlorotoluene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
4-Chlorotoluene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130			
1,2-Dibromoethane (EDB)	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130			
Dibromomethane	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130			
1,2-Dichlorobenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
1,3-Dichlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,4-Dichlorobenzene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130			
trans-1,4-Dichloro-2-butene	0.0205	0.0040	mg/Kg wet	0.0200		102	70-130			
Dichlorodifluoromethane (Freon 12)	0.0191	0.020	mg/Kg wet	0.0200		95.4	40-160			†
1,1-Dichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
1,2-Dichloroethane	0.0233	0.0020	mg/Kg wet	0.0200		117	70-130			
1,1-Dichloroethylene	0.0229	0.0040	mg/Kg wet	0.0200		114	70-130			
cis-1,2-Dichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
trans-1,2-Dichloroethylene	0.0252	0.0020	mg/Kg wet	0.0200		126	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170370 - SW-846 5035										
LCS (B170370-BS1)										
Prepared & Analyzed: 02/14/17										
1,2-Dichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,3-Dichloropropane	0.0207	0.0010	mg/Kg wet	0.0200		104	70-130			
2,2-Dichloropropane	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130			
1,1-Dichloropropene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
cis-1,3-Dichloropropene	0.0203	0.0010	mg/Kg wet	0.0200		101	70-130			
trans-1,3-Dichloropropene	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130			
Diethyl Ether	0.0218	0.020	mg/Kg wet	0.0200		109	70-130			
Diisopropyl Ether (DIPE)	0.0232	0.0010	mg/Kg wet	0.0200		116	70-130			
1,4-Dioxane	0.194	0.10	mg/Kg wet	0.200		96.9	40-160			†
Ethylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
Hexachlorobutadiene	0.0248	0.0020	mg/Kg wet	0.0200		124	70-160			
2-Hexanone (MBK)	0.234	0.020	mg/Kg wet	0.200		117	70-160			†
Isopropylbenzene (Cumene)	0.0245	0.0020	mg/Kg wet	0.0200		123	70-130			
p-Isopropyltoluene (p-Cymene)	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
Methyl Acetate	0.0284	0.0020	mg/Kg wet	0.0200		142 *	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0152	0.0040	mg/Kg wet	0.0200		76.2	70-130			V-05
Methyl Cyclohexane	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
Methylene Chloride	0.0251	0.020	mg/Kg wet	0.0200		126	40-160			†
4-Methyl-2-pentanone (MIBK)	0.233	0.020	mg/Kg wet	0.200		116	70-160			†
Naphthalene	0.0183	0.0040	mg/Kg wet	0.0200		91.5	40-130			†
n-Propylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
Styrene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,1,1,2-Tetrachloroethane	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
1,1,2,2-Tetrachloroethane	0.0190	0.0010	mg/Kg wet	0.0200		95.0	70-130			
Tetrachloroethylene	0.0258	0.0020	mg/Kg wet	0.0200		129	70-130			
Tetrahydrofuran	0.0204	0.010	mg/Kg wet	0.0200		102	70-130			
Toluene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130			
1,2,3-Trichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
1,2,4-Trichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130			
1,3,5-Trichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,1-Trichloroethane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			
1,1,2-Trichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130			
Trichloroethylene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
Trichlorofluoromethane (Freon 11)	0.0250	0.010	mg/Kg wet	0.0200		125	70-130			
1,2,3-Trichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0231	0.010	mg/Kg wet	0.0200		116	70-130			
1,2,4-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
1,3,5-Trimethylbenzene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130			
Vinyl Chloride	0.0198	0.010	mg/Kg wet	0.0200		99.2	40-130			†
m+p Xylene	0.0453	0.0040	mg/Kg wet	0.0400		113	70-130			
o-Xylene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0486		mg/Kg wet	0.0500		97.1	70-130			
Surrogate: Toluene-d8	0.0511		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0495		mg/Kg wet	0.0500		99.0	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170370 - SW-846 5035										
LCS Dup (B170370-BSD1)										
Prepared & Analyzed: 02/14/17										
Acetone	0.226	0.10	mg/Kg wet	0.200		113	70-160	6.58	25	V-06 †
Acrylonitrile	0.0208	0.0060	mg/Kg wet	0.0200		104	70-130	0.289	25	
tert-Amyl Methyl Ether (TAME)	0.0178	0.0010	mg/Kg wet	0.0200		88.9	70-130	2.22	25	
Benzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	2.98	25	
Bromobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	5.93	25	
Bromochloromethane	0.0256	0.0020	mg/Kg wet	0.0200		128	70-130	3.98	25	V-20
Bromodichloromethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	0.620	25	
Bromoform	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130	3.28	25	
Bromomethane	0.0180	0.010	mg/Kg wet	0.0200		89.8	40-130	16.4	25	†
2-Butanone (MEK)	0.220	0.040	mg/Kg wet	0.200		110	70-160	0.199	25	†
tert-Butyl Alcohol (TBA)	0.118	0.040	mg/Kg wet	0.200		59.1	40-130	6.61	25	V-05 †
n-Butylbenzene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130	3.68	25	
sec-Butylbenzene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	1.93	25	
tert-Butylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-160	2.63	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0197	0.0010	mg/Kg wet	0.0200		98.6	70-130	3.59	25	
Carbon Disulfide	0.0231	0.0060	mg/Kg wet	0.0200		115	70-130	3.99	25	
Carbon Tetrachloride	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	4.80	25	
Chlorobenzene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	1.39	25	
Chlorodibromomethane	0.0247	0.0020	mg/Kg wet	0.0200		124	70-130	0.731	25	
Chloroethane	0.0191	0.020	mg/Kg wet	0.0200		95.7	70-130	5.98	25	
Chloroform	0.0205	0.0040	mg/Kg wet	0.0200		103	70-130	1.45	25	
Chloromethane	0.0223	0.010	mg/Kg wet	0.0200		111	70-130	1.34	25	V-20
2-Chlorotoluene	0.0242	0.0020	mg/Kg wet	0.0200		121	70-130	4.40	25	
4-Chlorotoluene	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130	6.26	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	6.32	25	
1,2-Dibromoethane (EDB)	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	0.181	25	
Dibromomethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	3.51	25	
1,2-Dichlorobenzene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130	1.78	25	
1,3-Dichlorobenzene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	4.23	25	
1,4-Dichlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	2.66	25	
trans-1,4-Dichloro-2-butene	0.0207	0.0040	mg/Kg wet	0.0200		104	70-130	1.07	25	
Dichlorodifluoromethane (Freon 12)	0.0180	0.020	mg/Kg wet	0.0200		90.0	40-160	5.83	25	†
1,1-Dichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130	5.91	25	
1,2-Dichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	3.75	25	
1,1-Dichloroethylene	0.0222	0.0040	mg/Kg wet	0.0200		111	70-130	2.92	25	
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	3.21	25	
trans-1,2-Dichloroethylene	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	5.45	25	
1,2-Dichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	0.273	25	
1,3-Dichloropropane	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130	2.10	25	
2,2-Dichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.6	70-130	3.29	25	
1,1-Dichloropropene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	2.00	25	
cis-1,3-Dichloropropene	0.0200	0.0010	mg/Kg wet	0.0200		99.9	70-130	1.39	25	
trans-1,3-Dichloropropene	0.0209	0.0010	mg/Kg wet	0.0200		104	70-130	1.33	25	
Diethyl Ether	0.0205	0.020	mg/Kg wet	0.0200		102	70-130	6.24	25	
Diisopropyl Ether (DIPE)	0.0224	0.0010	mg/Kg wet	0.0200		112	70-130	3.25	25	
1,4-Dioxane	0.196	0.10	mg/Kg wet	0.200		98.0	40-160	1.11	50	† ‡
Ethylbenzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	1.85	25	
Hexachlorobutadiene	0.0252	0.0020	mg/Kg wet	0.0200		126	70-160	1.76	25	
2-Hexanone (MBK)	0.242	0.020	mg/Kg wet	0.200		121	70-160	3.51	25	†
Isopropylbenzene (Cumene)	0.0256	0.0020	mg/Kg wet	0.0200		128	70-130	4.15	25	
p-Isopropyltoluene (p-Cymene)	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	0.445	25	
Methyl Acetate	0.0280	0.0020	mg/Kg wet	0.0200		140	* 70-130	1.49	25	L-02, V-20

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170370 - SW-846 5035

LCS Dup (B170370-BSD1)

Prepared & Analyzed: 02/14/17

Methyl tert-Butyl Ether (MTBE)	0.0151	0.0040	mg/Kg wet	0.0200		75.3	70-130	1.19	25	V-05
Methyl Cyclohexane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	1.63	25	
Methylene Chloride	0.0237	0.020	mg/Kg wet	0.0200		118	40-160	6.07	25	†
4-Methyl-2-pentanone (MIBK)	0.238	0.020	mg/Kg wet	0.200		119	70-160	2.11	25	†
Naphthalene	0.0187	0.0040	mg/Kg wet	0.0200		93.5	40-130	2.16	25	†
n-Propylbenzene	0.0239	0.0020	mg/Kg wet	0.0200		119	70-130	4.71	25	
Styrene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	7.21	25	
1,1,1,2-Tetrachloroethane	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130	8.06	25	
1,1,2,2-Tetrachloroethane	0.0215	0.0010	mg/Kg wet	0.0200		107	70-130	12.3	25	
Tetrachloroethylene	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130	3.15	25	
Tetrahydrofuran	0.0219	0.010	mg/Kg wet	0.0200		110	70-130	7.18	25	
Toluene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	2.21	25	
1,2,3-Trichlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	1.76	25	
1,2,4-Trichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	2.40	25	
1,3,5-Trichlorobenzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	6.04	25	
1,1,1-Trichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	5.41	25	
1,1,2-Trichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	3.41	25	
Trichloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	2.57	25	
Trichlorofluoromethane (Freon 11)	0.0231	0.010	mg/Kg wet	0.0200		116	70-130	7.81	25	
1,2,3-Trichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	4.28	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0218	0.010	mg/Kg wet	0.0200		109	70-130	5.88	25	
1,2,4-Trimethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	3.14	25	
1,3,5-Trimethylbenzene	0.0239	0.0020	mg/Kg wet	0.0200		119	70-130	4.98	25	
Vinyl Chloride	0.0191	0.010	mg/Kg wet	0.0200		95.6	40-130	3.70	25	†
m+p Xylene	0.0461	0.0040	mg/Kg wet	0.0400		115	70-130	1.62	25	
o-Xylene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	2.88	25	
Surrogate: 1,2-Dichloroethane-d4	0.0482		mg/Kg wet	0.0500		96.3	70-130			
Surrogate: Toluene-d8	0.0512		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0515		mg/Kg wet	0.0500		103	70-130			

Batch B170743 - SW-846 5030B

Blank (B170743-BLK1)

Prepared & Analyzed: 02/17/17

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-05
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170743 - SW-846 5030B

Blank (B170743-BLK1)

Prepared & Analyzed: 02/17/17

Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170743 - SW-846 5030B										
Blank (B170743-BLK1)										
Prepared & Analyzed: 02/17/17										
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.6		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	25.1		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.0	70-130			
LCS (B170743-BS1)										
Prepared & Analyzed: 02/17/17										
Acetone	93.9	50	µg/L	100		93.9	70-160			†
Acrylonitrile	10.4	5.0	µg/L	10.0		104	70-130			
tert-Amyl Methyl Ether (TAME)	9.69	0.50	µg/L	10.0		96.9	70-130			
Benzene	10.5	1.0	µg/L	10.0		105	70-130			
Bromobenzene	10.3	1.0	µg/L	10.0		103	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130			
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130			
Bromoform	10.2	1.0	µg/L	10.0		102	70-130			
Bromomethane	4.74	2.0	µg/L	10.0		47.4	40-160		R-05	†
2-Butanone (MEK)	96.5	20	µg/L	100		96.5	40-160			†
tert-Butyl Alcohol (TBA)	68.6	20	µg/L	100		68.6	40-160		V-05	†
n-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130			
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130			
tert-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.96	0.50	µg/L	10.0		99.6	70-130			
Carbon Disulfide	13.4	4.0	µg/L	10.0		134 *	70-130			L-07
Carbon Tetrachloride	10.5	5.0	µg/L	10.0		105	70-130			
Chlorobenzene	10.4	1.0	µg/L	10.0		104	70-130			
Chlorodibromomethane	10.9	0.50	µg/L	10.0		109	70-130			
Chloroethane	8.20	2.0	µg/L	10.0		82.0	70-130			
Chloroform	10.7	2.0	µg/L	10.0		107	70-130			
Chloromethane	6.93	2.0	µg/L	10.0		69.3	40-160			†
2-Chlorotoluene	10.7	1.0	µg/L	10.0		107	70-130			
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	11.9	5.0	µg/L	10.0		119	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104	70-130			
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130			
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,3-Dichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130			
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106	70-130			
Dichlorodifluoromethane (Freon 12)	5.74	2.0	µg/L	10.0		57.4	40-160			†
1,1-Dichloroethane	10.7	1.0	µg/L	10.0		107	70-130			
1,2-Dichloroethane	10.9	1.0	µg/L	10.0		109	70-130			
1,1-Dichloroethylene	9.87	1.0	µg/L	10.0		98.7	70-130			
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
trans-1,2-Dichloroethylene	11.9	1.0	µg/L	10.0		119	70-130			
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130			
1,3-Dichloropropane	10.0	0.50	µg/L	10.0		100	70-130			
2,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	40-130			†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170743 - SW-846 5030B

LCS (B170743-BS1)

Prepared & Analyzed: 02/17/17

1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106	70-130			
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130			
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103	70-130			
Diethyl Ether	9.84	2.0	µg/L	10.0		98.4	70-130			
Diisopropyl Ether (DIPE)	10.2	0.50	µg/L	10.0		102	70-130			
1,4-Dioxane	84.2	50	µg/L	100		84.2	40-130			†
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130			
Hexachlorobutadiene	12.8	0.60	µg/L	10.0		128	70-130			
2-Hexanone (MBK)	99.6	10	µg/L	100		99.6	70-160			†
Isopropylbenzene (Cumene)	10.8	1.0	µg/L	10.0		108	70-130			
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.0		104	70-130			
Methyl Acetate	11.3	1.0	µg/L	10.0		113	70-130			
Methyl tert-Butyl Ether (MTBE)	9.87	1.0	µg/L	10.0		98.7	70-130			
Methyl Cyclohexane	10.8	1.0	µg/L	10.0		108	70-130			
Methylene Chloride	11.3	5.0	µg/L	10.0		113	70-130			
4-Methyl-2-pentanone (MIBK)	96.6	10	µg/L	100		96.6	70-160			†
Naphthalene	12.8	2.0	µg/L	10.0		128	40-130		V-20	†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Styrene	10.1	1.0	µg/L	10.0		101	70-130			
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130			
Tetrachloroethylene	11.5	1.0	µg/L	10.0		115	70-130			
Tetrahydrofuran	11.0	10	µg/L	10.0		110	70-130			
Toluene	10.6	1.0	µg/L	10.0		106	70-130			
1,2,3-Trichlorobenzene	13.3	5.0	µg/L	10.0		133 *	70-130		L-02, V-20	
1,2,4-Trichlorobenzene	12.4	1.0	µg/L	10.0		124	70-130			
1,3,5-Trichlorobenzene	11.9	1.0	µg/L	10.0		119	70-130		V-20	
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130			
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130			
Trichloroethylene	10.7	1.0	µg/L	10.0		107	70-130			
Trichlorofluoromethane (Freon 11)	9.42	2.0	µg/L	10.0		94.2	70-130			
1,2,3-Trichloropropane	9.99	2.0	µg/L	10.0		99.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	1.0	µg/L	10.0		100	70-130			
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
1,3,5-Trimethylbenzene	9.97	1.0	µg/L	10.0		99.7	70-130			
Vinyl Chloride	7.62	2.0	µg/L	10.0		76.2	40-160			†
m+p Xylene	21.1	2.0	µg/L	20.0		106	70-130			
o-Xylene	10.3	1.0	µg/L	10.0		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	25.7		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	25.1		µg/L	25.0		100	70-130			

LCS Dup (B170743-BSD1)

Prepared & Analyzed: 02/17/17

Acetone	90.6	50	µg/L	100		90.6	70-160	3.50	25	†
Acrylonitrile	10.2	5.0	µg/L	10.0		102	70-130	2.82	25	
tert-Amyl Methyl Ether (TAME)	9.74	0.50	µg/L	10.0		97.4	70-130	0.515	25	
Benzene	10.3	1.0	µg/L	10.0		103	70-130	2.21	25	
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130	0.390	25	
Bromochloromethane	11.2	1.0	µg/L	10.0		112	70-130	3.17	25	
Bromodichloromethane	10.9	0.50	µg/L	10.0		109	70-130	1.18	25	
Bromoform	10.4	1.0	µg/L	10.0		104	70-130	2.14	25	
Bromomethane	6.40	2.0	µg/L	10.0		64.0	40-160	29.8 *	25	R-05 †

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170743 - SW-846 5030B

LCS Dup (B170743-BSD1)

Prepared & Analyzed: 02/17/17

2-Butanone (MEK)	94.9	20	µg/L	100		94.9	40-160	1.73	25	†
tert-Butyl Alcohol (TBA)	68.8	20	µg/L	100		68.8	40-160	0.291	25	V-05 †
n-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130	1.08	25	
sec-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130	1.46	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	1.33	25	
tert-Butyl Ethyl Ether (TBEE)	9.88	0.50	µg/L	10.0		98.8	70-130	0.806	25	
Carbon Disulfide	12.7	4.0	µg/L	10.0		127	70-130	5.60	25	
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130	4.28	25	
Chlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	0.287	25	
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110	70-130	1.18	25	
Chloroethane	8.15	2.0	µg/L	10.0		81.5	70-130	0.612	25	
Chloroform	10.3	2.0	µg/L	10.0		103	70-130	3.91	25	
Chloromethane	6.84	2.0	µg/L	10.0		68.4	40-160	1.31	25	†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130	0.928	25	
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	0.382	25	
1,2-Dibromo-3-chloropropane (DBCP)	11.6	5.0	µg/L	10.0		116	70-130	3.06	25	
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106	70-130	1.71	25	
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130	0.367	25	
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	1.38	25	
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	3.01	25	
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	0.0927	25	
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106	70-130	0.0939	25	
Dichlorodifluoromethane (Freon 12)	5.60	2.0	µg/L	10.0		56.0	40-160	2.47	25	†
1,1-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130	3.52	25	
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	1.29	25	
1,1-Dichloroethylene	9.39	1.0	µg/L	10.0		93.9	70-130	4.98	25	
cis-1,2-Dichloroethylene	9.94	1.0	µg/L	10.0		99.4	70-130	1.79	25	
trans-1,2-Dichloroethylene	11.5	1.0	µg/L	10.0		115	70-130	3.07	25	
1,2-Dichloropropane	10.3	1.0	µg/L	10.0		103	70-130	3.07	25	
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102	70-130	1.09	25	
2,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	40-130	2.32	25	†
1,1-Dichloropropene	10.4	2.0	µg/L	10.0		104	70-130	2.09	25	
cis-1,3-Dichloropropene	9.72	0.50	µg/L	10.0		97.2	70-130	3.64	25	
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130	2.35	25	
Diethyl Ether	9.66	2.0	µg/L	10.0		96.6	70-130	1.85	25	
Diisopropyl Ether (DIPE)	9.94	0.50	µg/L	10.0		99.4	70-130	2.58	25	
1,4-Dioxane	95.0	50	µg/L	100		95.0	40-130	12.0	50	† ‡
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	0.0962	25	
Hexachlorobutadiene	13.0	0.60	µg/L	10.0		130	70-130	1.31	25	
2-Hexanone (MBK)	103	10	µg/L	100		103	70-160	3.27	25	†
Isopropylbenzene (Cumene)	10.8	1.0	µg/L	10.0		108	70-130	0.186	25	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.0		103	70-130	0.775	25	
Methyl Acetate	11.4	1.0	µg/L	10.0		114	70-130	0.353	25	
Methyl tert-Butyl Ether (MTBE)	9.74	1.0	µg/L	10.0		97.4	70-130	1.33	25	
Methyl Cyclohexane	10.8	1.0	µg/L	10.0		108	70-130	0.185	25	
Methylene Chloride	11.0	5.0	µg/L	10.0		110	70-130	1.97	25	
4-Methyl-2-pentanone (MIBK)	99.6	10	µg/L	100		99.6	70-160	3.09	25	†
Naphthalene	12.6	2.0	µg/L	10.0		126	40-130	1.10	25	V-20 †
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130	0.476	25	
Styrene	10.1	1.0	µg/L	10.0		101	70-130	0.495	25	
1,1,1,2-Tetrachloroethane	10.1	1.0	µg/L	10.0		101	70-130	0.981	25	
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.0		104	70-130	2.43	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170743 - SW-846 5030B

LCS Dup (B170743-BSD1)

Prepared & Analyzed: 02/17/17

Tetrachloroethylene	11.3	1.0	µg/L	10.0		113	70-130	1.92	25	
Tetrahydrofuran	10.9	10	µg/L	10.0		109	70-130	1.19	25	
Toluene	10.6	1.0	µg/L	10.0		106	70-130	0.377	25	
1,2,3-Trichlorobenzene	13.2	5.0	µg/L	10.0		132	* 70-130	0.527	25	L-02, V-20
1,2,4-Trichlorobenzene	12.2	1.0	µg/L	10.0		122	70-130	1.30	25	
1,3,5-Trichlorobenzene	11.9	1.0	µg/L	10.0		119	70-130	0.588	25	V-20
1,1,1-Trichloroethane	9.96	1.0	µg/L	10.0		99.6	70-130	0.700	25	
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130	0.280	25	
Trichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	2.17	25	
Trichlorofluoromethane (Freon 11)	9.05	2.0	µg/L	10.0		90.5	70-130	4.01	25	
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.0		102	70-130	2.28	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.72	1.0	µg/L	10.0		97.2	70-130	3.24	25	
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.0		105	70-130	0.00	25	
1,3,5-Trimethylbenzene	9.99	1.0	µg/L	10.0		99.9	70-130	0.200	25	
Vinyl Chloride	7.49	2.0	µg/L	10.0		74.9	40-160	1.72	25	†
m+p Xylene	21.1	2.0	µg/L	20.0		106	70-130	0.0947	25	
o-Xylene	10.3	1.0	µg/L	10.0		103	70-130	0.00	25	
Surrogate: 1,2-Dichloroethane-d4	25.9		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.0		101	70-130			

Batch B170812 - SW-846 5035

Blank (B170812-BLK1)

Prepared & Analyzed: 02/20/17

Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							V-05
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.10	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	1.0	mg/Kg wet							V-05
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							L-04, V-05
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							V-05
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170812 - SW-846 5035										
Blank (B170812-BLK1)										
Prepared & Analyzed: 02/20/17										
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl Acetate	ND	0.50	mg/Kg wet							V-05
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methyl Cyclohexane	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.50	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0240		mg/Kg wet	0.0250		96.2	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170812 - SW-846 5035										
Blank (B170812-BLK1)										
Prepared & Analyzed: 02/20/17										
Surrogate: Toluene-d8	0.0251		mg/Kg wet	0.0250		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0238		mg/Kg wet	0.0250		95.3	70-130			
LCS (B170812-BS1)										
Prepared & Analyzed: 02/20/17										
Acetone	0.100	0.057	mg/Kg wet	0.113		88.2	70-160			†
Acrylonitrile	0.0139	0.0057	mg/Kg wet	0.0113		122	70-130			V-05
tert-Amyl Methyl Ether (TAME)	0.0104	0.00057	mg/Kg wet	0.0113		91.7	70-130			
Benzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
Bromobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.8	70-130			
Bromochloromethane	0.0112	0.0011	mg/Kg wet	0.0113		98.5	70-130			
Bromodichloromethane	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130			
Bromoform	0.0104	0.0023	mg/Kg wet	0.0113		91.7	70-130			
Bromomethane	0.00612	0.0023	mg/Kg wet	0.0113		54.0	40-130			†
2-Butanone (MEK)	0.0945	0.023	mg/Kg wet	0.113		83.4	70-160			†
tert-Butyl Alcohol (TBA)	0.116	0.023	mg/Kg wet	0.113		103	40-130			V-05 †
n-Butylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			
sec-Butylbenzene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
tert-Butylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0105	0.00057	mg/Kg wet	0.0113		93.0	70-130			
Carbon Disulfide	0.0125	0.0034	mg/Kg wet	0.0113		111	70-130			
Carbon Tetrachloride	0.0110	0.0011	mg/Kg wet	0.0113		96.9	70-130			
Chlorobenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			
Chlorodibromomethane	0.0123	0.00057	mg/Kg wet	0.0113		108	70-130			
Chloroethane	0.0115	0.0023	mg/Kg wet	0.0113		101	70-130			
Chloroform	0.0107	0.0023	mg/Kg wet	0.0113		94.7	70-130			
Chloromethane	0.00374	0.0023	mg/Kg wet	0.0113		33.0 *	70-130			L-04, V-05
2-Chlorotoluene	0.0102	0.0011	mg/Kg wet	0.0113		90.0	70-130			
4-Chlorotoluene	0.0106	0.0011	mg/Kg wet	0.0113		93.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.00754	0.0057	mg/Kg wet	0.0113		66.5 *	70-130			L-07, V-05
1,2-Dibromoethane (EDB)	0.0115	0.00057	mg/Kg wet	0.0113		101	70-130			
Dibromomethane	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
1,2-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130			
1,3-Dichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
1,4-Dichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
trans-1,4-Dichloro-2-butene	0.0116	0.0023	mg/Kg wet	0.0113		103	70-130			
Dichlorodifluoromethane (Freon 12)	0.00828	0.0023	mg/Kg wet	0.0113		73.1	40-160			†
1,1-Dichloroethane	0.0110	0.0011	mg/Kg wet	0.0113		97.5	70-130			
1,2-Dichloroethane	0.00992	0.0011	mg/Kg wet	0.0113		87.5	70-130			
1,1-Dichloroethylene	0.0130	0.0011	mg/Kg wet	0.0113		114	70-130			
cis-1,2-Dichloroethylene	0.0103	0.0011	mg/Kg wet	0.0113		91.3	70-130			
trans-1,2-Dichloroethylene	0.0122	0.0011	mg/Kg wet	0.0113		107	70-130			
1,2-Dichloropropane	0.00980	0.0011	mg/Kg wet	0.0113		86.5	70-130			
1,3-Dichloropropane	0.0110	0.00057	mg/Kg wet	0.0113		97.3	70-130			
2,2-Dichloropropane	0.00994	0.0011	mg/Kg wet	0.0113		87.7	70-130			
1,1-Dichloropropene	0.0114	0.0023	mg/Kg wet	0.0113		100	70-130			
cis-1,3-Dichloropropene	0.0100	0.00057	mg/Kg wet	0.0113		88.6	70-130			
trans-1,3-Dichloropropene	0.0114	0.00057	mg/Kg wet	0.0113		100	70-130			
Diethyl Ether	0.0121	0.0023	mg/Kg wet	0.0113		107	70-130			
Diisopropyl Ether (DIPE)	0.00935	0.00057	mg/Kg wet	0.0113		82.5	70-130			
1,4-Dioxane	0.109	0.057	mg/Kg wet	0.113		96.2	40-160			†
Ethylbenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.5	70-130			
Hexachlorobutadiene	0.0113	0.0011	mg/Kg wet	0.0113		99.6	70-160			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170812 - SW-846 5035

LCS (B170812-BS1)

Prepared & Analyzed: 02/20/17

2-Hexanone (MBK)	0.0852	0.011	mg/Kg wet	0.113		75.2	70-160			†
Isopropylbenzene (Cumene)	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130			
p-Isopropyltoluene (p-Cymene)	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
Methyl Acetate	0.00903	0.011	mg/Kg wet	0.0113		79.7	70-130			V-05
Methyl tert-Butyl Ether (MTBE)	0.0107	0.0011	mg/Kg wet	0.0113		94.7	70-130			
Methyl Cyclohexane	0.0111	0.0011	mg/Kg wet	0.0113		98.1	70-130			
Methylene Chloride	0.0133	0.0057	mg/Kg wet	0.0113		118	40-160			†
4-Methyl-2-pentanone (MIBK)	0.0892	0.011	mg/Kg wet	0.113		78.7	70-160			†
Naphthalene	0.00813	0.0023	mg/Kg wet	0.0113		71.7	40-130			†
n-Propylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
Styrene	0.0109	0.0011	mg/Kg wet	0.0113		95.9	70-130			
1,1,1,2-Tetrachloroethane	0.0112	0.0011	mg/Kg wet	0.0113		98.6	70-130			
1,1,2,2-Tetrachloroethane	0.0108	0.00057	mg/Kg wet	0.0113		95.1	70-130			
Tetrachloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
Tetrahydrofuran	0.0109	0.011	mg/Kg wet	0.0113		95.8	70-130			
Toluene	0.0112	0.0011	mg/Kg wet	0.0113		99.2	70-130			
1,2,3-Trichlorobenzene	0.00856	0.0057	mg/Kg wet	0.0113		75.5	70-130			
1,2,4-Trichlorobenzene	0.00981	0.0011	mg/Kg wet	0.0113		86.6	70-130			
1,3,5-Trichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
1,1,1-Trichloroethane	0.0107	0.0011	mg/Kg wet	0.0113		94.6	70-130			
1,1,2-Trichloroethane	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130			
Trichloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
Trichlorofluoromethane (Freon 11)	0.0121	0.0023	mg/Kg wet	0.0113		107	70-130			
1,2,3-Trichloropropane	0.0106	0.0023	mg/Kg wet	0.0113		93.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0143	0.0011	mg/Kg wet	0.0113		127	70-130			
1,2,4-Trimethylbenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.9	70-130			
1,3,5-Trimethylbenzene	0.0111	0.0011	mg/Kg wet	0.0113		97.8	70-130			
Vinyl Chloride	0.0115	0.0023	mg/Kg wet	0.0113		102	40-130			†
m+p Xylene	0.0217	0.0023	mg/Kg wet	0.0227		95.9	70-130			
o-Xylene	0.0110	0.0011	mg/Kg wet	0.0113		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0272		mg/Kg wet	0.0283		96.1	70-130			
Surrogate: Toluene-d8	0.0282		mg/Kg wet	0.0283		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0276		mg/Kg wet	0.0283		97.4	70-130			

LCS Dup (B170812-BSD1)

Prepared & Analyzed: 02/20/17

Acetone	0.102	0.057	mg/Kg wet	0.113		89.8	70-160	1.79	25	†
Acrylonitrile	0.0138	0.0057	mg/Kg wet	0.0113		122	70-130	0.409	25	V-05
tert-Amyl Methyl Ether (TAME)	0.0103	0.00057	mg/Kg wet	0.0113		91.0	70-130	0.766	25	
Benzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	0.0982	25	
Bromobenzene	0.00989	0.0011	mg/Kg wet	0.0113		87.3	70-130	8.24	25	
Bromochloromethane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	3.10	25	
Bromodichloromethane	0.0111	0.0011	mg/Kg wet	0.0113		98.3	70-130	2.11	25	
Bromoform	0.00934	0.0023	mg/Kg wet	0.0113		82.4	70-130	10.7	25	
Bromomethane	0.00694	0.0023	mg/Kg wet	0.0113		61.2	40-130	12.5	25	†
2-Butanone (MEK)	0.0949	0.023	mg/Kg wet	0.113		83.7	70-160	0.395	25	†
tert-Butyl Alcohol (TBA)	0.123	0.023	mg/Kg wet	0.113		108	40-130	5.51	25	V-05 †
n-Butylbenzene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130	3.75	25	
sec-Butylbenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	1.16	25	
tert-Butylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-160	0.00	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0101	0.00057	mg/Kg wet	0.0113		89.0	70-130	4.40	25	
Carbon Disulfide	0.0126	0.0034	mg/Kg wet	0.0113		111	70-130	0.361	25	
Carbon Tetrachloride	0.0113	0.0011	mg/Kg wet	0.0113		99.6	70-130	2.75	25	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170812 - SW-846 5035										
LCS Dup (B170812-BSD1)										
Prepared & Analyzed: 02/20/17										
Chlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	1.73	25	
Chlorodibromomethane	0.0121	0.00057	mg/Kg wet	0.0113		107	70-130	1.49	25	
Chloroethane	0.0114	0.0023	mg/Kg wet	0.0113		100	70-130	0.993	25	
Chloroform	0.0107	0.0023	mg/Kg wet	0.0113		94.5	70-130	0.211	25	
Chloromethane	0.00450	0.0023	mg/Kg wet	0.0113		39.7	* 70-130	18.4	25	L-04, V-05
2-Chlorotoluene	0.00946	0.0011	mg/Kg wet	0.0113		83.5	70-130	7.49	25	
4-Chlorotoluene	0.00998	0.0011	mg/Kg wet	0.0113		88.1	70-130	5.84	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.00827	0.0057	mg/Kg wet	0.0113		73.0	70-130	9.32	25	V-05
1,2-Dibromoethane (EDB)	0.0114	0.00057	mg/Kg wet	0.0113		100	70-130	0.694	25	
Dibromomethane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	0.887	25	
1,2-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130	0.489	25	
1,3-Dichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.6	70-130	1.40	25	
1,4-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	0.791	25	
trans-1,4-Dichloro-2-butene	0.0115	0.0023	mg/Kg wet	0.0113		101	70-130	1.08	25	
Dichlorodifluoromethane (Freon 12)	0.00852	0.0023	mg/Kg wet	0.0113		75.2	40-160	2.83	25	†
1,1-Dichloroethane	0.0111	0.0011	mg/Kg wet	0.0113		97.9	70-130	0.409	25	
1,2-Dichloroethane	0.00995	0.0011	mg/Kg wet	0.0113		87.8	70-130	0.342	25	
1,1-Dichloroethylene	0.0137	0.0011	mg/Kg wet	0.0113		121	70-130	5.19	25	
cis-1,2-Dichloroethylene	0.0102	0.0011	mg/Kg wet	0.0113		90.2	70-130	1.21	25	
trans-1,2-Dichloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130	1.02	25	
1,2-Dichloropropane	0.00988	0.0011	mg/Kg wet	0.0113		87.2	70-130	0.806	25	
1,3-Dichloropropane	0.0109	0.00057	mg/Kg wet	0.0113		96.3	70-130	1.03	25	
2,2-Dichloropropane	0.00991	0.0011	mg/Kg wet	0.0113		87.4	70-130	0.343	25	
1,1-Dichloropropene	0.0112	0.0023	mg/Kg wet	0.0113		99.2	70-130	1.20	25	
cis-1,3-Dichloropropene	0.00991	0.00057	mg/Kg wet	0.0113		87.4	70-130	1.36	25	
trans-1,3-Dichloropropene	0.0114	0.00057	mg/Kg wet	0.0113		101	70-130	0.298	25	
Diethyl Ether	0.0119	0.0023	mg/Kg wet	0.0113		105	70-130	1.98	25	
Diisopropyl Ether (DIPE)	0.00917	0.00057	mg/Kg wet	0.0113		80.9	70-130	1.96	25	
1,4-Dioxane	0.115	0.057	mg/Kg wet	0.113		101	40-160	5.11	50	† ‡
Ethylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		99.2	70-130	0.302	25	
Hexachlorobutadiene	0.0112	0.0011	mg/Kg wet	0.0113		98.4	70-160	1.21	25	
2-Hexanone (MBK)	0.0837	0.011	mg/Kg wet	0.113		73.9	70-160	1.77	25	†
Isopropylbenzene (Cumene)	0.0107	0.0011	mg/Kg wet	0.0113		94.8	70-130	8.97	25	
p-Isopropyltoluene (p-Cymene)	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	1.54	25	
Methyl Acetate	0.00910	0.011	mg/Kg wet	0.0113		80.3	70-130	0.750	25	V-05
Methyl tert-Butyl Ether (MTBE)	0.0106	0.0011	mg/Kg wet	0.0113		93.8	70-130	0.955	25	
Methyl Cyclohexane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	3.70	25	
Methylene Chloride	0.0134	0.0057	mg/Kg wet	0.0113		118	40-160	0.255	25	†
4-Methyl-2-pentanone (MIBK)	0.0885	0.011	mg/Kg wet	0.113		78.1	70-160	0.778	25	†
Naphthalene	0.00859	0.0023	mg/Kg wet	0.0113		75.8	40-130	5.56	25	†
n-Propylbenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.6	70-130	5.30	25	
Styrene	0.0101	0.0011	mg/Kg wet	0.0113		88.7	70-130	7.80	25	
1,1,1,2-Tetrachloroethane	0.0113	0.0011	mg/Kg wet	0.0113		99.6	70-130	1.01	25	
1,1,2,2-Tetrachloroethane	0.00935	0.00057	mg/Kg wet	0.0113		82.5	70-130	14.2	25	
Tetrachloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	1.17	25	
Tetrahydrofuran	0.0100	0.011	mg/Kg wet	0.0113		88.3	70-130	8.15	25	
Toluene	0.0112	0.0011	mg/Kg wet	0.0113		98.8	70-130	0.404	25	
1,2,3-Trichlorobenzene	0.00919	0.0057	mg/Kg wet	0.0113		81.1	70-130	7.15	25	
1,2,4-Trichlorobenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.5	70-130	3.29	25	
1,3,5-Trichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.5	70-130	1.99	25	
1,1,1-Trichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.2	70-130	1.68	25	
1,1,2-Trichloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	3.66	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170812 - SW-846 5035										
LCS Dup (B170812-BSD1)										
Prepared & Analyzed: 02/20/17										
Trichloroethylene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	0.292	25	
Trichlorofluoromethane (Freon 11)	0.0123	0.0023	mg/Kg wet	0.0113		109	70-130	1.86	25	
1,2,3-Trichloropropane	0.00985	0.0023	mg/Kg wet	0.0113		86.9	70-130	7.74	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0148	0.0011	mg/Kg wet	0.0113		131 *	70-130	3.50	25	L-07
1,2,4-Trimethylbenzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	1.59	25	
1,3,5-Trimethylbenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.3	70-130	4.71	25	
Vinyl Chloride	0.0115	0.0023	mg/Kg wet	0.0113		102	40-130	0.0983	25	†
m+p Xylene	0.0201	0.0023	mg/Kg wet	0.0227		88.6	70-130	7.86	25	
o-Xylene	0.0101	0.0011	mg/Kg wet	0.0113		89.2	70-130	8.89	25	
Surrogate: 1,2-Dichloroethane-d4	0.0271		mg/Kg wet	0.0283		95.8	70-130			
Surrogate: Toluene-d8	0.0283		mg/Kg wet	0.0283		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.0255		mg/Kg wet	0.0283		90.0	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170235 - SW-846 3546

Blank (B170235-BLK1)

Prepared: 02/13/17 Analyzed: 02/14/17

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							V-05, R-05, V-04
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170235 - SW-846 3546										
Blank (B170235-BLK1)										
Prepared: 02/13/17 Analyzed: 02/14/17										
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	5.01		mg/Kg wet	6.67		75.2	30-130			
Surrogate: Phenol-d6	5.14		mg/Kg wet	6.67		77.1	30-130			
Surrogate: Nitrobenzene-d5	2.44		mg/Kg wet	3.33		73.1	30-130			
Surrogate: 2-Fluorobiphenyl	2.98		mg/Kg wet	3.33		89.3	30-130			
Surrogate: 2,4,6-Tribromophenol	6.35		mg/Kg wet	6.67		95.3	30-130			
Surrogate: p-Terphenyl-d14	3.19		mg/Kg wet	3.33		95.8	30-130			
LCS (B170235-BS1)										
Prepared: 02/13/17 Analyzed: 02/14/17										
Acenaphthene	1.25	0.17	mg/Kg wet	1.67		74.9	40-140			
Acenaphthylene	1.26	0.17	mg/Kg wet	1.67		75.5	40-140			
Acetophenone	1.06	0.34	mg/Kg wet	1.67		63.5	40-140			
Aniline	0.717	0.34	mg/Kg wet	1.67		43.0	10-140			†
Anthracene	1.19	0.17	mg/Kg wet	1.67		71.1	40-140			
Benzdine	0.958	0.66	mg/Kg wet	1.67		57.5	40-140			R-05, V-04, V-05
Benzo(a)anthracene	1.24	0.17	mg/Kg wet	1.67		74.6	40-140			
Benzo(a)pyrene	1.16	0.17	mg/Kg wet	1.67		69.8	40-140			
Benzo(b)fluoranthene	1.14	0.17	mg/Kg wet	1.67		68.5	40-140			
Benzo(g,h,i)perylene	1.24	0.17	mg/Kg wet	1.67		74.5	40-140			
Benzo(k)fluoranthene	1.14	0.17	mg/Kg wet	1.67		68.5	40-140			
Benzoic Acid	0.878	1.0	mg/Kg wet	1.67		52.7	30-130			
Bis(2-chloroethoxy)methane	1.15	0.34	mg/Kg wet	1.67		69.1	40-140			
Bis(2-chloroethyl)ether	1.10	0.34	mg/Kg wet	1.67		65.9	40-140			
Bis(2-chloroisopropyl)ether	0.999	0.34	mg/Kg wet	1.67		59.9	40-140			
Bis(2-Ethylhexyl)phthalate	1.20	0.34	mg/Kg wet	1.67		71.7	40-140			
4-Bromophenylphenylether	1.21	0.34	mg/Kg wet	1.67		72.5	40-140			
Butylbenzylphthalate	1.29	0.34	mg/Kg wet	1.67		77.3	40-140			
Carbazole	1.15	0.17	mg/Kg wet	1.67		68.8	40-140			
4-Chloroaniline	0.542	0.66	mg/Kg wet	1.67		32.5	10-140			†
4-Chloro-3-methylphenol	1.11	0.66	mg/Kg wet	1.67		66.8	30-130			
2-Chloronaphthalene	1.19	0.34	mg/Kg wet	1.67		71.5	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170235 - SW-846 3546										
LCS (B170235-BS1)										
					Prepared: 02/13/17 Analyzed: 02/14/17					
2-Chlorophenol	1.09	0.34	mg/Kg wet	1.67		65.2	30-130			
4-Chlorophenylphenylether	1.32	0.34	mg/Kg wet	1.67		79.3	40-140			
Chrysene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140			
Dibenz(a,h)anthracene	1.20	0.17	mg/Kg wet	1.67		71.9	40-140			
Dibenzofuran	1.33	0.34	mg/Kg wet	1.67		79.8	40-140			
Di-n-butylphthalate	1.15	0.34	mg/Kg wet	1.67		69.1	40-140			
1,2-Dichlorobenzene	0.998	0.34	mg/Kg wet	1.67		59.9	40-140			
1,3-Dichlorobenzene	0.956	0.34	mg/Kg wet	1.67		57.4	40-140			
1,4-Dichlorobenzene	0.973	0.34	mg/Kg wet	1.67		58.4	40-140			
3,3-Dichlorobenzidine	0.832	0.17	mg/Kg wet	1.67		49.9	20-140			†
2,4-Dichlorophenol	1.14	0.34	mg/Kg wet	1.67		68.3	30-130			
Diethylphthalate	1.30	0.34	mg/Kg wet	1.67		77.9	40-140			
2,4-Dimethylphenol	1.10	0.34	mg/Kg wet	1.67		65.8	30-130			
Dimethylphthalate	1.31	0.34	mg/Kg wet	1.67		78.5	40-140			
4,6-Dinitro-2-methylphenol	1.13	0.34	mg/Kg wet	1.67		67.8	30-130			
2,4-Dinitrophenol	1.05	0.66	mg/Kg wet	1.67		63.1	30-130			
2,4-Dinitrotoluene	1.35	0.34	mg/Kg wet	1.67		81.0	40-140			
2,6-Dinitrotoluene	1.39	0.34	mg/Kg wet	1.67		83.6	40-140			
Di-n-octylphthalate	1.09	0.34	mg/Kg wet	1.67		65.6	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.22	0.34	mg/Kg wet	1.67		73.4	40-140			
Fluoranthene	1.15	0.17	mg/Kg wet	1.67		69.1	40-140			
Fluorene	1.29	0.17	mg/Kg wet	1.67		77.3	40-140			
Hexachlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.5	40-140			
Hexachlorobutadiene	1.10	0.34	mg/Kg wet	1.67		65.9	40-140			
Hexachlorocyclopentadiene	1.16	0.34	mg/Kg wet	1.67		69.6	40-140			
Hexachloroethane	0.979	0.34	mg/Kg wet	1.67		58.7	40-140			
Indeno(1,2,3-cd)pyrene	1.19	0.17	mg/Kg wet	1.67		71.3	40-140			
Isophorone	1.10	0.34	mg/Kg wet	1.67		65.9	40-140			
1-Methylnaphthalene	1.07	0.17	mg/Kg wet	1.67		64.1	40-140			
2-Methylnaphthalene	1.15	0.17	mg/Kg wet	1.67		68.9	40-140			
2-Methylphenol	1.10	0.34	mg/Kg wet	1.67		66.2	30-130			
3/4-Methylphenol	1.11	0.34	mg/Kg wet	1.67		66.5	30-130			
Naphthalene	1.07	0.17	mg/Kg wet	1.67		64.4	40-140			
2-Nitroaniline	1.26	0.34	mg/Kg wet	1.67		75.6	40-140			
3-Nitroaniline	1.07	0.34	mg/Kg wet	1.67		64.0	30-140			†
4-Nitroaniline	1.29	0.34	mg/Kg wet	1.67		77.3	40-140			
Nitrobenzene	1.08	0.34	mg/Kg wet	1.67		64.9	40-140			
2-Nitrophenol	1.11	0.34	mg/Kg wet	1.67		66.7	30-130			
4-Nitrophenol	1.30	0.66	mg/Kg wet	1.67		78.2	30-130			
N-Nitrosodimethylamine	0.984	0.34	mg/Kg wet	1.67		59.0	40-140			
N-Nitrosodiphenylamine	1.65	0.34	mg/Kg wet	1.67		99.1	40-140			
N-Nitrosodi-n-propylamine	1.06	0.34	mg/Kg wet	1.67		63.7	40-140			
Pentachloronitrobenzene	1.22	0.34	mg/Kg wet	1.67		73.4	40-140			V-16
Pentachlorophenol	1.08	0.34	mg/Kg wet	1.67		64.5	30-130			
Phenanthrene	1.18	0.17	mg/Kg wet	1.67		70.5	40-140			
Phenol	1.09	0.34	mg/Kg wet	1.67		65.1	30-130			
Pyrene	1.34	0.17	mg/Kg wet	1.67		80.1	40-140			
Pyridine	0.718	0.34	mg/Kg wet	1.67		43.1	30-140			†
1,2,4,5-Tetrachlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.4	40-140			
1,2,4-Trichlorobenzene	1.10	0.34	mg/Kg wet	1.67		65.7	40-140			
2,4,5-Trichlorophenol	1.32	0.34	mg/Kg wet	1.67		79.5	30-130			
2,4,6-Trichlorophenol	1.33	0.34	mg/Kg wet	1.67		80.0	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170235 - SW-846 3546

LCS (B170235-BS1)

Prepared: 02/13/17 Analyzed: 02/14/17

Surrogate: 2-Fluorophenol	4.70		mg/Kg wet	6.67		70.4	30-130			
Surrogate: Phenol-d6	4.77		mg/Kg wet	6.67		71.5	30-130			
Surrogate: Nitrobenzene-d5	2.31		mg/Kg wet	3.33		69.2	30-130			
Surrogate: 2-Fluorobiphenyl	2.80		mg/Kg wet	3.33		84.1	30-130			
Surrogate: 2,4,6-Tribromophenol	6.08		mg/Kg wet	6.67		91.2	30-130			
Surrogate: p-Terphenyl-d14	2.88		mg/Kg wet	3.33		86.5	30-130			

LCS Dup (B170235-BSD1)

Prepared: 02/13/17 Analyzed: 02/14/17

Acenaphthene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140	5.26	30	
Acenaphthylene	1.18	0.17	mg/Kg wet	1.67		70.6	40-140	6.71	30	
Acetophenone	1.03	0.34	mg/Kg wet	1.67		61.6	40-140	3.07	30	
Aniline	0.622	0.34	mg/Kg wet	1.67		37.3	10-140	14.2	50	† ‡
Anthracene	1.12	0.17	mg/Kg wet	1.67		67.0	40-140	6.00	30	
Benzidine	0.708	0.66	mg/Kg wet	1.67		42.5	40-140	30.0	30	R-05, V-04, V-05
Benzo(a)anthracene	1.19	0.17	mg/Kg wet	1.67		71.2	40-140	4.64	30	
Benzo(a)pyrene	1.11	0.17	mg/Kg wet	1.67		66.6	40-140	4.63	30	
Benzo(b)fluoranthene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140	5.49	30	
Benzo(g,h,i)perylene	1.20	0.17	mg/Kg wet	1.67		72.0	40-140	3.44	30	
Benzo(k)fluoranthene	1.08	0.17	mg/Kg wet	1.67		65.1	40-140	5.12	30	
Benzoic Acid	0.869	1.0	mg/Kg wet	1.67		52.1	30-130	1.03	50	‡
Bis(2-chloroethoxy)methane	1.08	0.34	mg/Kg wet	1.67		64.8	40-140	6.39	30	
Bis(2-chloroethyl)ether	1.05	0.34	mg/Kg wet	1.67		63.1	40-140	4.31	30	
Bis(2-chloroisopropyl)ether	0.974	0.34	mg/Kg wet	1.67		58.4	40-140	2.50	30	
Bis(2-Ethylhexyl)phthalate	1.14	0.34	mg/Kg wet	1.67		68.5	40-140	4.56	30	
4-Bromophenylphenylether	1.13	0.34	mg/Kg wet	1.67		67.5	40-140	7.08	30	
Butylbenzylphthalate	1.22	0.34	mg/Kg wet	1.67		72.9	40-140	5.80	30	
Carbazole	1.09	0.17	mg/Kg wet	1.67		65.3	40-140	5.31	30	
4-Chloroaniline	0.431	0.66	mg/Kg wet	1.67		25.8	10-140	23.0	30	†
4-Chloro-3-methylphenol	1.04	0.66	mg/Kg wet	1.67		62.2	30-130	7.16	30	
2-Chloronaphthalene	1.06	0.34	mg/Kg wet	1.67		63.8	40-140	11.4	30	
2-Chlorophenol	1.04	0.34	mg/Kg wet	1.67		62.5	30-130	4.35	30	
4-Chlorophenylphenylether	1.25	0.34	mg/Kg wet	1.67		74.7	40-140	5.92	30	
Chrysene	1.11	0.17	mg/Kg wet	1.67		66.8	40-140	6.10	30	
Dibenz(a,h)anthracene	1.15	0.17	mg/Kg wet	1.67		69.1	40-140	3.97	30	
Dibenzofuran	1.25	0.34	mg/Kg wet	1.67		75.0	40-140	6.18	30	
Di-n-butylphthalate	1.10	0.34	mg/Kg wet	1.67		65.8	40-140	4.92	30	
1,2-Dichlorobenzene	0.977	0.34	mg/Kg wet	1.67		58.6	40-140	2.16	30	
1,3-Dichlorobenzene	0.930	0.34	mg/Kg wet	1.67		55.8	40-140	2.72	30	
1,4-Dichlorobenzene	0.953	0.34	mg/Kg wet	1.67		57.2	40-140	2.11	30	
3,3-Dichlorobenzidine	0.708	0.17	mg/Kg wet	1.67		42.5	20-140	16.1	50	† ‡
2,4-Dichlorophenol	1.07	0.34	mg/Kg wet	1.67		64.3	30-130	6.03	30	
Diethylphthalate	1.23	0.34	mg/Kg wet	1.67		73.7	40-140	5.54	30	
2,4-Dimethylphenol	1.01	0.34	mg/Kg wet	1.67		60.8	30-130	7.96	30	
Dimethylphthalate	1.23	0.34	mg/Kg wet	1.67		73.6	40-140	6.39	30	
4,6-Dinitro-2-methylphenol	1.09	0.34	mg/Kg wet	1.67		65.2	30-130	3.94	30	
2,4-Dinitrophenol	1.06	0.66	mg/Kg wet	1.67		63.7	30-130	0.978	30	
2,4-Dinitrotoluene	1.27	0.34	mg/Kg wet	1.67		76.1	40-140	6.24	30	
2,6-Dinitrotoluene	1.30	0.34	mg/Kg wet	1.67		78.0	40-140	6.93	30	
Di-n-octylphthalate	1.06	0.34	mg/Kg wet	1.67		63.5	40-140	3.16	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.15	0.34	mg/Kg wet	1.67		69.2	40-140	5.89	30	
Fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.2	40-140	5.75	30	
Fluorene	1.22	0.17	mg/Kg wet	1.67		73.4	40-140	5.18	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170235 - SW-846 3546

LCS Dup (B170235-BSD1)

Prepared: 02/13/17 Analyzed: 02/14/17

Hexachlorobenzene	1.08	0.34	mg/Kg wet	1.67		64.6	40-140	7.28	30	
Hexachlorobutadiene	1.04	0.34	mg/Kg wet	1.67		62.6	40-140	5.26	30	
Hexachlorocyclopentadiene	1.06	0.34	mg/Kg wet	1.67		63.4	40-140	9.30	30	
Hexachloroethane	0.946	0.34	mg/Kg wet	1.67		56.8	40-140	3.43	30	
Indeno(1,2,3-cd)pyrene	1.15	0.17	mg/Kg wet	1.67		68.9	40-140	3.51	30	
Isophorone	1.04	0.34	mg/Kg wet	1.67		62.4	40-140	5.39	30	
1-Methylnaphthalene	0.986	0.17	mg/Kg wet	1.67		59.1	40-140	8.05	30	
2-Methylnaphthalene	1.08	0.17	mg/Kg wet	1.67		65.1	40-140	5.73	30	
2-Methylphenol	1.04	0.34	mg/Kg wet	1.67		62.4	30-130	5.88	30	
3/4-Methylphenol	1.06	0.34	mg/Kg wet	1.67		63.5	30-130	4.71	30	
Naphthalene	1.01	0.17	mg/Kg wet	1.67		60.6	40-140	6.05	30	
2-Nitroaniline	1.22	0.34	mg/Kg wet	1.67		73.5	40-140	2.87	30	
3-Nitroaniline	0.922	0.34	mg/Kg wet	1.67		55.3	30-140	14.5	30	†
4-Nitroaniline	1.22	0.34	mg/Kg wet	1.67		73.0	40-140	5.67	30	
Nitrobenzene	1.02	0.34	mg/Kg wet	1.67		61.3	40-140	5.67	30	
2-Nitrophenol	1.05	0.34	mg/Kg wet	1.67		62.7	30-130	6.21	30	
4-Nitrophenol	1.25	0.66	mg/Kg wet	1.67		74.8	30-130	4.42	50	‡
N-Nitrosodimethylamine	0.975	0.34	mg/Kg wet	1.67		58.5	40-140	0.851	30	
N-Nitrosodiphenylamine	1.53	0.34	mg/Kg wet	1.67		92.0	40-140	7.41	30	
N-Nitrosodi-n-propylamine	1.03	0.34	mg/Kg wet	1.67		61.7	40-140	3.13	30	
Pentachloronitrobenzene	1.13	0.34	mg/Kg wet	1.67		67.8	40-140	7.88	30	V-16
Pentachlorophenol	0.976	0.34	mg/Kg wet	1.67		58.6	30-130	9.68	30	
Phenanthrene	1.11	0.17	mg/Kg wet	1.67		66.4	40-140	6.11	30	
Phenol	1.03	0.34	mg/Kg wet	1.67		61.5	30-130	5.69	30	
Pyrene	1.27	0.17	mg/Kg wet	1.67		76.2	40-140	4.96	30	
Pyridine	0.724	0.34	mg/Kg wet	1.67		43.4	30-140	0.832	30	†
1,2,4,5-Tetrachlorobenzene	1.20	0.34	mg/Kg wet	1.67		71.8	40-140	7.54	30	
1,2,4-Trichlorobenzene	1.03	0.34	mg/Kg wet	1.67		61.7	40-140	6.25	30	
2,4,5-Trichlorophenol	1.24	0.34	mg/Kg wet	1.67		74.2	30-130	6.82	30	
2,4,6-Trichlorophenol	1.26	0.34	mg/Kg wet	1.67		75.3	30-130	6.10	30	
Surrogate: 2-Fluorophenol	4.36		mg/Kg wet	6.67		65.4	30-130			
Surrogate: Phenol-d6	4.38		mg/Kg wet	6.67		65.7	30-130			
Surrogate: Nitrobenzene-d5	2.13		mg/Kg wet	3.33		64.0	30-130			
Surrogate: 2-Fluorobiphenyl	2.55		mg/Kg wet	3.33		76.6	30-130			
Surrogate: 2,4,6-Tribromophenol	5.44		mg/Kg wet	6.67		81.7	30-130			
Surrogate: p-Terphenyl-d14	2.61		mg/Kg wet	3.33		78.3	30-130			

Batch B170411 - SW-846 3546

Blank (B170411-BLK1)

Prepared: 02/14/17 Analyzed: 02/16/17

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							V-05
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							R-05, V-04, V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							L-04, V-05
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170411 - SW-846 3546

Blank (B170411-BLK1)

Prepared: 02/14/17 Analyzed: 02/16/17

Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							R-05, V-05
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-05
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170411 - SW-846 3546										
Blank (B170411-BLK1)										
Prepared: 02/14/17 Analyzed: 02/16/17										
Pentachlorophenol	ND	0.34	mg/Kg wet							V-05
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	4.88		mg/Kg wet	6.67		73.2	30-130			
Surrogate: Phenol-d6	5.01		mg/Kg wet	6.67		75.2	30-130			
Surrogate: Nitrobenzene-d5	2.44		mg/Kg wet	3.33		73.2	30-130			
Surrogate: 2-Fluorobiphenyl	2.93		mg/Kg wet	3.33		87.9	30-130			
Surrogate: 2,4,6-Tribromophenol	5.54		mg/Kg wet	6.67		83.0	30-130			
Surrogate: p-Terphenyl-d14	2.96		mg/Kg wet	3.33		88.9	30-130			
LCS (B170411-BS1)										
Prepared: 02/14/17 Analyzed: 02/16/17										
Acenaphthene	1.31	0.17	mg/Kg wet	1.67		78.4	40-140			
Acenaphthylene	1.38	0.17	mg/Kg wet	1.67		83.1	40-140			
Acetophenone	1.17	0.34	mg/Kg wet	1.67		70.0	40-140			
Aniline	1.02	0.34	mg/Kg wet	1.67		61.2	10-140			V-05 †
Anthracene	1.31	0.17	mg/Kg wet	1.67		78.9	40-140			
Benzidine	1.21	0.66	mg/Kg wet	1.67		72.5	40-140			R-05, V-04, V-05
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		80.7	40-140			
Benzo(a)pyrene	1.24	0.17	mg/Kg wet	1.67		74.7	40-140			
Benzo(b)fluoranthene	1.25	0.17	mg/Kg wet	1.67		74.9	40-140			
Benzo(g,h,i)perylene	1.37	0.17	mg/Kg wet	1.67		82.0	40-140			
Benzo(k)fluoranthene	1.27	0.17	mg/Kg wet	1.67		76.2	40-140			
Benzoic Acid	0.407	1.0	mg/Kg wet	1.67		24.4 *	30-130			L-04, V-05
Bis(2-chloroethoxy)methane	1.28	0.34	mg/Kg wet	1.67		76.7	40-140			
Bis(2-chloroethyl)ether	1.21	0.34	mg/Kg wet	1.67		72.3	40-140			
Bis(2-chloroisopropyl)ether	1.18	0.34	mg/Kg wet	1.67		70.6	40-140			
Bis(2-Ethylhexyl)phthalate	1.51	0.34	mg/Kg wet	1.67		90.8	40-140			
4-Bromophenylphenylether	1.30	0.34	mg/Kg wet	1.67		78.3	40-140			
Butylbenzylphthalate	1.47	0.34	mg/Kg wet	1.67		88.1	40-140			
Carbazole	1.31	0.17	mg/Kg wet	1.67		78.9	40-140			
4-Chloroaniline	1.06	0.66	mg/Kg wet	1.67		63.5	10-140			R-05, V-05 †
4-Chloro-3-methylphenol	1.22	0.66	mg/Kg wet	1.67		73.4	30-130			
2-Chloronaphthalene	1.28	0.34	mg/Kg wet	1.67		76.9	40-140			
2-Chlorophenol	1.13	0.34	mg/Kg wet	1.67		68.0	30-130			
4-Chlorophenylphenylether	1.48	0.34	mg/Kg wet	1.67		89.0	40-140			
Chrysene	1.30	0.17	mg/Kg wet	1.67		78.2	40-140			
Dibenz(a,h)anthracene	1.38	0.17	mg/Kg wet	1.67		82.6	40-140			
Dibenzofuran	1.47	0.34	mg/Kg wet	1.67		88.0	40-140			
Di-n-butylphthalate	1.43	0.34	mg/Kg wet	1.67		85.7	40-140			
1,2-Dichlorobenzene	1.09	0.34	mg/Kg wet	1.67		65.3	40-140			
1,3-Dichlorobenzene	1.07	0.34	mg/Kg wet	1.67		64.0	40-140			
1,4-Dichlorobenzene	1.07	0.34	mg/Kg wet	1.67		64.0	40-140			
3,3-Dichlorobenzidine	1.36	0.17	mg/Kg wet	1.67		81.8	20-140			†
2,4-Dichlorophenol	1.21	0.34	mg/Kg wet	1.67		72.4	30-130			
Diethylphthalate	1.52	0.34	mg/Kg wet	1.67		91.3	40-140			
2,4-Dimethylphenol	1.19	0.34	mg/Kg wet	1.67		71.3	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170411 - SW-846 3546										
LCS (B170411-BS1)										
					Prepared: 02/14/17 Analyzed: 02/16/17					
Dimethylphthalate	1.50	0.34	mg/Kg wet	1.67		90.3	40-140			
4,6-Dinitro-2-methylphenol	1.04	0.34	mg/Kg wet	1.67		62.6	30-130			
2,4-Dinitrophenol	0.623	0.66	mg/Kg wet	1.67		37.4	30-130			V-05
2,4-Dinitrotoluene	1.51	0.34	mg/Kg wet	1.67		90.4	40-140			
2,6-Dinitrotoluene	1.56	0.34	mg/Kg wet	1.67		93.7	40-140			
Di-n-octylphthalate	1.36	0.34	mg/Kg wet	1.67		81.5	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.41	0.34	mg/Kg wet	1.67		84.5	40-140			
Fluoranthene	1.31	0.17	mg/Kg wet	1.67		78.8	40-140			
Fluorene	1.42	0.17	mg/Kg wet	1.67		85.3	40-140			
Hexachlorobenzene	1.30	0.34	mg/Kg wet	1.67		78.2	40-140			
Hexachlorobutadiene	1.15	0.34	mg/Kg wet	1.67		69.2	40-140			
Hexachlorocyclopentadiene	1.12	0.34	mg/Kg wet	1.67		67.2	40-140			
Hexachloroethane	1.06	0.34	mg/Kg wet	1.67		63.5	40-140			
Indeno(1,2,3-cd)pyrene	1.36	0.17	mg/Kg wet	1.67		81.4	40-140			
Isophorone	1.25	0.34	mg/Kg wet	1.67		75.2	40-140			
1-Methylnaphthalene	1.16	0.17	mg/Kg wet	1.67		69.8	40-140			
2-Methylnaphthalene	1.27	0.17	mg/Kg wet	1.67		76.1	40-140			
2-Methylphenol	1.18	0.34	mg/Kg wet	1.67		71.0	30-130			
3/4-Methylphenol	1.23	0.34	mg/Kg wet	1.67		73.8	30-130			
Naphthalene	1.15	0.17	mg/Kg wet	1.67		69.0	40-140			
2-Nitroaniline	1.44	0.34	mg/Kg wet	1.67		86.1	40-140			
3-Nitroaniline	1.46	0.34	mg/Kg wet	1.67		87.7	30-140			†
4-Nitroaniline	1.60	0.34	mg/Kg wet	1.67		95.9	40-140			
Nitrobenzene	1.16	0.34	mg/Kg wet	1.67		69.3	40-140			
2-Nitrophenol	1.13	0.34	mg/Kg wet	1.67		67.9	30-130			
4-Nitrophenol	1.35	0.66	mg/Kg wet	1.67		81.1	30-130			
N-Nitrosodimethylamine	1.13	0.34	mg/Kg wet	1.67		67.7	40-140			
N-Nitrosodiphenylamine	1.81	0.34	mg/Kg wet	1.67		109	40-140			
N-Nitrosodi-n-propylamine	1.19	0.34	mg/Kg wet	1.67		71.4	40-140			
Pentachloronitrobenzene	1.28	0.34	mg/Kg wet	1.67		76.5	40-140			V-16
Pentachlorophenol	0.854	0.34	mg/Kg wet	1.67		51.3	30-130			V-05
Phenanthrene	1.32	0.17	mg/Kg wet	1.67		79.4	40-140			
Phenol	1.15	0.34	mg/Kg wet	1.67		68.8	30-130			
Pyrene	1.36	0.17	mg/Kg wet	1.67		81.5	40-140			
Pyridine	1.01	0.34	mg/Kg wet	1.67		60.8	30-140			†
1,2,4,5-Tetrachlorobenzene	1.38	0.34	mg/Kg wet	1.67		83.0	40-140			
1,2,4-Trichlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.6	40-140			
2,4,5-Trichlorophenol	1.41	0.34	mg/Kg wet	1.67		84.5	30-130			
2,4,6-Trichlorophenol	1.44	0.34	mg/Kg wet	1.67		86.5	30-130			
Surrogate: 2-Fluorophenol	4.98		mg/Kg wet	6.67		74.8	30-130			
Surrogate: Phenol-d6	5.16		mg/Kg wet	6.67		77.5	30-130			
Surrogate: Nitrobenzene-d5	2.45		mg/Kg wet	3.33		73.4	30-130			
Surrogate: 2-Fluorobiphenyl	3.04		mg/Kg wet	3.33		91.2	30-130			
Surrogate: 2,4,6-Tribromophenol	6.47		mg/Kg wet	6.67		97.1	30-130			
Surrogate: p-Terphenyl-d14	3.14		mg/Kg wet	3.33		94.3	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170411 - SW-846 3546

LCS Dup (B170411-BSD1)

Prepared: 02/14/17 Analyzed: 02/16/17

Acenaphthene	1.31	0.17	mg/Kg wet	1.67		78.6	40-140	0.280	30	
Acenaphthylene	1.37	0.17	mg/Kg wet	1.67		82.0	40-140	1.31	30	
Acetophenone	1.17	0.34	mg/Kg wet	1.67		70.1	40-140	0.0856	30	
Aniline	0.645	0.34	mg/Kg wet	1.67		38.7	10-140	45.2	50	V-05 † ‡
Anthracene	1.29	0.17	mg/Kg wet	1.67		77.1	40-140	2.26	30	
Benidine	0.742	0.66	mg/Kg wet	1.67		44.5	40-140	47.8 *	30	R-05, V-04, V-05
Benzo(a)anthracene	1.31	0.17	mg/Kg wet	1.67		78.8	40-140	2.38	30	
Benzo(a)pyrene	1.25	0.17	mg/Kg wet	1.67		75.0	40-140	0.508	30	
Benzo(b)fluoranthene	1.23	0.17	mg/Kg wet	1.67		74.0	40-140	1.29	30	
Benzo(g,h,i)perylene	1.39	0.17	mg/Kg wet	1.67		83.2	40-140	1.43	30	
Benzo(k)fluoranthene	1.26	0.17	mg/Kg wet	1.67		75.7	40-140	0.659	30	
Benzoic Acid	0.431	1.0	mg/Kg wet	1.67		25.9 *	30-130	5.81	50	V-05, L-04 ‡
Bis(2-chloroethoxy)methane	1.33	0.34	mg/Kg wet	1.67		79.8	40-140	3.96	30	
Bis(2-chloroethyl)ether	1.39	0.34	mg/Kg wet	1.67		83.6	40-140	14.4	30	
Bis(2-chloroisopropyl)ether	1.23	0.34	mg/Kg wet	1.67		73.6	40-140	4.19	30	
Bis(2-Ethylhexyl)phthalate	1.44	0.34	mg/Kg wet	1.67		86.3	40-140	5.08	30	
4-Bromophenylphenylether	1.35	0.34	mg/Kg wet	1.67		80.7	40-140	3.04	30	
Butylbenzylphthalate	1.40	0.34	mg/Kg wet	1.67		84.1	40-140	4.58	30	
Carbazole	1.25	0.17	mg/Kg wet	1.67		75.1	40-140	4.96	30	
4-Chloroaniline	0.748	0.66	mg/Kg wet	1.67		44.9	10-140	34.3 *	30	R-05, V-05 †
4-Chloro-3-methylphenol	1.22	0.66	mg/Kg wet	1.67		73.3	30-130	0.0546	30	
2-Chloronaphthalene	1.28	0.34	mg/Kg wet	1.67		76.6	40-140	0.339	30	
2-Chlorophenol	1.17	0.34	mg/Kg wet	1.67		70.3	30-130	3.44	30	
4-Chlorophenylphenylether	1.47	0.34	mg/Kg wet	1.67		88.3	40-140	0.722	30	
Chrysene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140	4.37	30	
Dibenz(a,h)anthracene	1.38	0.17	mg/Kg wet	1.67		82.8	40-140	0.339	30	
Dibenzofuran	1.46	0.34	mg/Kg wet	1.67		87.3	40-140	0.798	30	
Di-n-butylphthalate	1.37	0.34	mg/Kg wet	1.67		82.0	40-140	4.36	30	
1,2-Dichlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.3	40-140	5.86	30	
1,3-Dichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.9	40-140	5.92	30	
1,4-Dichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.9	40-140	5.88	30	
3,3-Dichlorobenzidine	0.950	0.17	mg/Kg wet	1.67		57.0	20-140	35.7	50	† ‡
2,4-Dichlorophenol	1.22	0.34	mg/Kg wet	1.67		73.0	30-130	0.935	30	
Diethylphthalate	1.48	0.34	mg/Kg wet	1.67		88.5	40-140	3.11	30	
2,4-Dimethylphenol	1.19	0.34	mg/Kg wet	1.67		71.7	30-130	0.560	30	
Dimethylphthalate	1.46	0.34	mg/Kg wet	1.67		87.5	40-140	3.10	30	
4,6-Dinitro-2-methylphenol	1.03	0.34	mg/Kg wet	1.67		61.8	30-130	1.29	30	
2,4-Dinitrophenol	0.618	0.66	mg/Kg wet	1.67		37.1	30-130	0.805	30	V-05
2,4-Dinitrotoluene	1.45	0.34	mg/Kg wet	1.67		86.9	40-140	3.99	30	
2,6-Dinitrotoluene	1.51	0.34	mg/Kg wet	1.67		90.8	40-140	3.14	30	
Di-n-octylphthalate	1.30	0.34	mg/Kg wet	1.67		77.7	40-140	4.72	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.40	0.34	mg/Kg wet	1.67		84.1	40-140	0.451	30	
Fluoranthene	1.28	0.17	mg/Kg wet	1.67		76.7	40-140	2.78	30	
Fluorene	1.39	0.17	mg/Kg wet	1.67		83.6	40-140	1.97	30	
Hexachlorobenzene	1.25	0.34	mg/Kg wet	1.67		75.1	40-140	4.10	30	
Hexachlorobutadiene	1.25	0.34	mg/Kg wet	1.67		74.7	40-140	7.70	30	
Hexachlorocyclopentadiene	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	3.19	30	
Hexachloroethane	1.12	0.34	mg/Kg wet	1.67		67.1	40-140	5.55	30	
Indeno(1,2,3-cd)pyrene	1.37	0.17	mg/Kg wet	1.67		82.4	40-140	1.22	30	
Isophorone	1.28	0.34	mg/Kg wet	1.67		77.0	40-140	2.36	30	
1-Methylnaphthalene	1.18	0.17	mg/Kg wet	1.67		70.8	40-140	1.39	30	
2-Methylnaphthalene	1.32	0.17	mg/Kg wet	1.67		79.0	40-140	3.64	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170411 - SW-846 3546

LCS Dup (B170411-BSD1)

Prepared: 02/14/17 Analyzed: 02/16/17

2-Methylphenol	1.18	0.34	mg/Kg wet	1.67		71.1	30-130	0.169	30	
3/4-Methylphenol	1.19	0.34	mg/Kg wet	1.67		71.6	30-130	2.94	30	
Naphthalene	1.22	0.17	mg/Kg wet	1.67		73.3	40-140	6.13	30	
2-Nitroaniline	1.38	0.34	mg/Kg wet	1.67		82.5	40-140	4.32	30	
3-Nitroaniline	1.24	0.34	mg/Kg wet	1.67		74.6	30-140	16.2	30	†
4-Nitroaniline	1.47	0.34	mg/Kg wet	1.67		88.1	40-140	8.50	30	
Nitrobenzene	1.23	0.34	mg/Kg wet	1.67		73.8	40-140	6.29	30	
2-Nitrophenol	1.20	0.34	mg/Kg wet	1.67		71.9	30-130	5.81	30	
4-Nitrophenol	1.38	0.66	mg/Kg wet	1.67		83.0	30-130	2.34	50	‡
N-Nitrosodimethylamine	1.14	0.34	mg/Kg wet	1.67		68.6	40-140	1.29	30	
N-Nitrosodiphenylamine	1.76	0.34	mg/Kg wet	1.67		106	40-140	2.67	30	
N-Nitrosodi-n-propylamine	1.20	0.34	mg/Kg wet	1.67		72.2	40-140	1.14	30	
Pentachloronitrobenzene	1.29	0.34	mg/Kg wet	1.67		77.3	40-140	0.988	30	V-16
Pentachlorophenol	0.824	0.34	mg/Kg wet	1.67		49.4	30-130	3.66	30	V-05
Phenanthrene	1.28	0.17	mg/Kg wet	1.67		76.8	40-140	3.35	30	
Phenol	1.14	0.34	mg/Kg wet	1.67		68.5	30-130	0.408	30	
Pyrene	1.27	0.17	mg/Kg wet	1.67		76.4	40-140	6.36	30	
Pyridine	1.04	0.34	mg/Kg wet	1.67		62.2	30-140	2.24	30	†
1,2,4,5-Tetrachlorobenzene	1.39	0.34	mg/Kg wet	1.67		83.2	40-140	0.313	30	
1,2,4-Trichlorobenzene	1.22	0.34	mg/Kg wet	1.67		73.0	40-140	6.19	30	
2,4,5-Trichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.2	30-130	4.01	30	
2,4,6-Trichlorophenol	1.41	0.34	mg/Kg wet	1.67		84.6	30-130	2.15	30	

Surrogate: 2-Fluorophenol	5.10		mg/Kg wet	6.67		76.5	30-130			
Surrogate: Phenol-d6	5.14		mg/Kg wet	6.67		77.1	30-130			
Surrogate: Nitrobenzene-d5	2.58		mg/Kg wet	3.33		77.3	30-130			
Surrogate: 2-Fluorobiphenyl	3.02		mg/Kg wet	3.33		90.6	30-130			
Surrogate: 2,4,6-Tribromophenol	6.19		mg/Kg wet	6.67		92.8	30-130			
Surrogate: p-Terphenyl-d14	2.91		mg/Kg wet	3.33		87.2	30-130			

Matrix Spike (B170411-MS1)

Source: 17B0503-18

Prepared: 02/14/17 Analyzed: 02/16/17

Acenaphthene	1.53	0.21	mg/Kg dry	2.09	0.265	60.5	40-140			
Acenaphthylene	1.42	0.21	mg/Kg dry	2.09	ND	68.0	40-140			
Acetophenone	1.38	0.43	mg/Kg dry	2.09	ND	65.7	40-140			
Aniline	1.21	0.43	mg/Kg dry	2.09	ND	57.7	40-140			V-05
Anthracene	1.62	0.21	mg/Kg dry	2.09	0.390	58.9	40-140			
Benzdine	0.851	0.83	mg/Kg dry	2.09	ND	40.7	40-140			V-04, V-05
Benzo(a)anthracene	2.04	0.21	mg/Kg dry	2.09	0.827	57.9	40-140			
Benzo(a)pyrene	1.82	0.21	mg/Kg dry	2.09	0.711	52.9	40-140			
Benzo(b)fluoranthene	2.25	0.21	mg/Kg dry	2.09	1.03	58.1	40-140			
Benzo(g,h,i)perylene	1.32	0.21	mg/Kg dry	2.09	0.241	51.6	40-140			
Benzo(k)fluoranthene	1.84	0.21	mg/Kg dry	2.09	0.348	71.2	40-140			
Benzoic Acid	0.0209	1.3	mg/Kg dry	2.09	ND	1.00 *	40-140			MS-09, V-05
Bis(2-chloroethoxy)methane	1.41	0.43	mg/Kg dry	2.09	ND	67.4	40-140			
Bis(2-chloroethyl)ether	1.30	0.43	mg/Kg dry	2.09	ND	62.3	40-140			
Bis(2-chloroisopropyl)ether	1.34	0.43	mg/Kg dry	2.09	ND	64.0	40-140			
Bis(2-Ethylhexyl)phthalate	1.45	0.43	mg/Kg dry	2.09	ND	69.2	40-140			
4-Bromophenylphenylether	1.42	0.43	mg/Kg dry	2.09	ND	67.6	40-140			
Butylbenzylphthalate	1.43	0.43	mg/Kg dry	2.09	ND	68.4	40-140			
Carbazole	1.53	0.21	mg/Kg dry	2.09	0.211	62.8	40-140			
4-Chloroaniline	1.09	0.83	mg/Kg dry	2.09	ND	52.0	40-140			V-05
4-Chloro-3-methylphenol	1.24	0.83	mg/Kg dry	2.09	ND	59.4	30-130			
2-Chloronaphthalene	1.36	0.43	mg/Kg dry	2.09	ND	64.7	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170411 - SW-846 3546										
Matrix Spike (B170411-MS1)	Source: 17B0503-18			Prepared: 02/14/17 Analyzed: 02/16/17						
2-Chlorophenol	0.945	0.43	mg/Kg dry	2.09	ND	45.1	30-130			
4-Chlorophenylphenylether	1.60	0.43	mg/Kg dry	2.09	ND	76.5	40-140			
Chrysene	2.10	0.21	mg/Kg dry	2.09	0.936	55.8	40-140			
Dibenz(a,h)anthracene	1.11	0.21	mg/Kg dry	2.09	ND	52.9	40-140			
Dibenzofuran	1.69	0.43	mg/Kg dry	2.09	ND	80.7	40-140			
Di-n-butylphthalate	1.53	0.43	mg/Kg dry	2.09	ND	73.0	40-140			
1,2-Dichlorobenzene	1.22	0.43	mg/Kg dry	2.09	ND	58.4	40-140			
1,3-Dichlorobenzene	1.22	0.43	mg/Kg dry	2.09	ND	58.2	40-140			
1,4-Dichlorobenzene	1.22	0.43	mg/Kg dry	2.09	ND	58.2	40-140			
3,3-Dichlorobenzidione	1.26	0.21	mg/Kg dry	2.09	ND	60.1	40-140			
2,4-Dichlorophenol	0.873	0.43	mg/Kg dry	2.09	ND	41.7	30-130			
Diethylphthalate	1.59	0.43	mg/Kg dry	2.09	ND	75.8	40-140			
2,4-Dimethylphenol	1.34	0.43	mg/Kg dry	2.09	ND	63.9	30-130			
Dimethylphthalate	1.51	0.43	mg/Kg dry	2.09	ND	71.9	40-140			
4,6-Dinitro-2-methylphenol	0.276	0.43	mg/Kg dry	2.09	ND	13.2	* 30-130			MS-09
2,4-Dinitrophenol	0.312	0.83	mg/Kg dry	2.09	ND	14.9	* 30-130			MS-09, V-05
2,4-Dinitrotoluene	1.04	0.43	mg/Kg dry	2.09	ND	49.6	40-140			
2,6-Dinitrotoluene	1.18	0.43	mg/Kg dry	2.09	ND	56.4	40-140			
Di-n-octylphthalate	1.88	0.43	mg/Kg dry	2.09	ND	90.0	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.44	0.43	mg/Kg dry	2.09	ND	68.7	40-140			
Fluoranthene	3.28	0.21	mg/Kg dry	2.09	2.08	57.3	40-140			
Fluorene	1.77	0.21	mg/Kg dry	2.09	0.399	65.4	40-140			
Hexachlorobenzene	1.34	0.43	mg/Kg dry	2.09	ND	63.9	40-140			
Hexachlorobutadiene	1.29	0.43	mg/Kg dry	2.09	ND	61.7	40-140			
Hexachlorocyclopentadiene	0.325	0.43	mg/Kg dry	2.09	ND	15.5	* 30-130			MS-09
Hexachloroethane	1.32	0.43	mg/Kg dry	2.09	ND	63.1	40-140			
Indeno(1,2,3-cd)pyrene	1.35	0.21	mg/Kg dry	2.09	0.300	49.9	40-140			
Isophorone	1.35	0.43	mg/Kg dry	2.09	ND	64.5	40-140			
1-Methylnaphthalene	1.50	0.21	mg/Kg dry	2.09	0.262	59.1	40-140			
2-Methylnaphthalene	1.75	0.21	mg/Kg dry	2.09	0.461	61.7	40-140			
2-Methylphenol	1.26	0.43	mg/Kg dry	2.09	ND	60.0	30-130			
3/4-Methylphenol	1.32	0.43	mg/Kg dry	2.09	ND	63.1	30-130			
Naphthalene	1.53	0.21	mg/Kg dry	2.09	0.304	58.5	40-140			
2-Nitroaniline	1.51	0.43	mg/Kg dry	2.09	ND	72.1	40-140			
3-Nitroaniline	0.996	0.43	mg/Kg dry	2.09	ND	47.6	40-140			
4-Nitroaniline	1.48	0.43	mg/Kg dry	2.09	ND	70.7	40-140			
Nitrobenzene	0.995	0.43	mg/Kg dry	2.09	ND	47.5	40-140			
2-Nitrophenol	0.0193	0.43	mg/Kg dry	2.09	ND	0.920	* 30-130			MS-09
4-Nitrophenol	0.284	0.83	mg/Kg dry	2.09	ND	13.6	* 30-130			MS-09
N-Nitrosodimethylamine	1.23	0.43	mg/Kg dry	2.09	ND	58.8	40-140			
N-Nitrosodiphenylamine	2.05	0.43	mg/Kg dry	2.09	ND	97.8	40-140			
N-Nitrosodi-n-propylamine	1.36	0.43	mg/Kg dry	2.09	ND	64.9	40-140			
Pentachloronitrobenzene	1.15	0.43	mg/Kg dry	2.09	ND	55.0	40-140			V-16
Pentachlorophenol	0.0348	0.43	mg/Kg dry	2.09	ND	1.66	* 30-130			MS-09, V-05
Phenanthrene	2.74	0.21	mg/Kg dry	2.09	2.00	35.4	* 40-140			MS-09
Phenol	1.33	0.43	mg/Kg dry	2.09	ND	63.7	30-130			
Pyrene	2.57	0.21	mg/Kg dry	2.09	1.57	47.9	40-140			
Pyridine	1.12	0.43	mg/Kg dry	2.09	ND	53.5	40-140			
1,2,4,5-Tetrachlorobenzene	1.44	0.43	mg/Kg dry	2.09	ND	68.8	40-140			
1,2,4-Trichlorobenzene	1.31	0.43	mg/Kg dry	2.09	ND	62.4	40-140			
2,4,5-Trichlorophenol	0.383	0.43	mg/Kg dry	2.09	ND	18.3	* 30-130			MS-09
2,4,6-Trichlorophenol	0.122	0.43	mg/Kg dry	2.09	ND	5.84	* 30-130			MS-09

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170411 - SW-846 3546										
Matrix Spike (B170411-MS1) Source: 17B0503-18 Prepared: 02/14/17 Analyzed: 02/16/17										
Surrogate: 2-Fluorophenol	2.84		mg/Kg dry	8.38		33.9	30-130			
Surrogate: Phenol-d6	5.18		mg/Kg dry	8.38		61.8	30-130			
Surrogate: Nitrobenzene-d5	1.85		mg/Kg dry	4.19		44.1	30-130			
Surrogate: 2-Fluorobiphenyl	3.08		mg/Kg dry	4.19		73.5	30-130			
Surrogate: 2,4,6-Tribromophenol	0.636		mg/Kg dry	8.38		7.59 *	30-130			S-03
Surrogate: p-Terphenyl-d14	3.16		mg/Kg dry	4.19		75.4	30-130			
Matrix Spike Dup (B170411-MSD1) Source: 17B0503-18 Prepared: 02/14/17 Analyzed: 02/16/17										
Acenaphthene	1.42	0.21	mg/Kg dry	2.09	0.265	55.3	40-140	7.49	30	
Acenaphthylene	1.31	0.21	mg/Kg dry	2.09	ND	62.4	40-140	8.65	30	
Acetophenone	1.24	0.43	mg/Kg dry	2.09	ND	59.0	40-140	10.7	30	
Aniline	1.01	0.43	mg/Kg dry	2.09	ND	48.0	40-140	18.4	30	V-05
Anthracene	1.70	0.21	mg/Kg dry	2.09	0.390	62.7	40-140	4.78	30	
Benzdine	0.869	0.83	mg/Kg dry	2.09	ND	41.5	40-140		30	V-04, V-05
Benzo(a)anthracene	1.83	0.21	mg/Kg dry	2.09	0.827	47.9	40-140	10.8	30	
Benzo(a)pyrene	1.56	0.21	mg/Kg dry	2.09	0.711	40.5	40-140	15.3	30	
Benzo(b)fluoranthene	1.79	0.21	mg/Kg dry	2.09	1.03	36.1 *	40-140	22.9	30	MS-22
Benzo(g,h,i)perylene	1.70	0.21	mg/Kg dry	2.09	0.241	69.6	40-140	25.0	30	
Benzo(k)fluoranthene	1.47	0.21	mg/Kg dry	2.09	0.348	53.5	40-140	22.4	30	
Benzoic Acid	0.0230	1.3	mg/Kg dry	2.09	ND	1.10 *	40-140		30	MS-09, V-05
Bis(2-chloroethoxy)methane	1.25	0.43	mg/Kg dry	2.09	ND	59.9	40-140	11.8	30	
Bis(2-chloroethyl)ether	1.27	0.43	mg/Kg dry	2.09	ND	60.8	40-140	2.50	30	
Bis(2-chloroisopropyl)ether	1.16	0.43	mg/Kg dry	2.09	ND	55.6	40-140	14.0	30	
Bis(2-Ethylhexyl)phthalate	1.26	0.43	mg/Kg dry	2.09	ND	60.0	40-140	14.3	30	
4-Bromophenylphenylether	1.24	0.43	mg/Kg dry	2.09	ND	59.1	40-140	13.5	30	
Butylbenzylphthalate	1.47	0.43	mg/Kg dry	2.09	ND	70.4	40-140	2.94	30	
Carbazole	1.39	0.21	mg/Kg dry	2.09	0.211	56.1	40-140	9.66	30	
4-Chloroaniline	0.962	0.83	mg/Kg dry	2.09	ND	46.0	40-140	12.3	30	V-05
4-Chloro-3-methylphenol	1.10	0.83	mg/Kg dry	2.09	ND	52.6	30-130	12.3	30	
2-Chloronaphthalene	1.19	0.43	mg/Kg dry	2.09	ND	57.0	40-140	12.6	30	
2-Chlorophenol	0.926	0.43	mg/Kg dry	2.09	ND	44.2	30-130	2.01	30	
4-Chlorophenylphenylether	1.42	0.43	mg/Kg dry	2.09	ND	67.8	40-140	12.2	30	
Chrysene	1.76	0.21	mg/Kg dry	2.09	0.936	39.6 *	40-140	17.5	30	MS-22
Dibenz(a,h)anthracene	1.45	0.21	mg/Kg dry	2.09	ND	69.2	40-140	26.7	30	
Dibenzofuran	1.53	0.43	mg/Kg dry	2.09	ND	72.9	40-140	10.1	30	
Di-n-butylphthalate	1.38	0.43	mg/Kg dry	2.09	ND	66.1	40-140	10.0	30	
1,2-Dichlorobenzene	1.11	0.43	mg/Kg dry	2.09	ND	53.0	40-140	9.59	30	
1,3-Dichlorobenzene	1.09	0.43	mg/Kg dry	2.09	ND	51.9	40-140	11.5	30	
1,4-Dichlorobenzene	1.08	0.43	mg/Kg dry	2.09	ND	51.5	40-140	12.3	30	
3,3-Dichlorobenzidine	1.17	0.21	mg/Kg dry	2.09	ND	55.9	40-140	7.28	30	
2,4-Dichlorophenol	0.854	0.43	mg/Kg dry	2.09	ND	40.8	30-130	2.18	30	
Diethylphthalate	1.40	0.43	mg/Kg dry	2.09	ND	67.0	40-140	12.3	30	
2,4-Dimethylphenol	1.25	0.43	mg/Kg dry	2.09	ND	59.6	30-130	6.96	30	
Dimethylphthalate	1.38	0.43	mg/Kg dry	2.09	ND	66.1	40-140	8.32	30	
4,6-Dinitro-2-methylphenol	0.271	0.43	mg/Kg dry	2.09	ND	12.9 *	30-130		30	MS-09
2,4-Dinitrophenol	0.300	0.83	mg/Kg dry	2.09	ND	14.3 *	30-130		30	MS-09, V-05
2,4-Dinitrotoluene	0.890	0.43	mg/Kg dry	2.09	ND	42.5	40-140	15.4	30	
2,6-Dinitrotoluene	1.01	0.43	mg/Kg dry	2.09	ND	48.2	40-140	15.7	30	
Di-n-octylphthalate	1.50	0.43	mg/Kg dry	2.09	ND	71.7	40-140	22.6	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.27	0.43	mg/Kg dry	2.09	ND	60.5	40-140	12.7	30	
Fluoranthene	2.84	0.21	mg/Kg dry	2.09	2.08	36.1 *	40-140	14.6	30	MS-22
Fluorene	1.61	0.21	mg/Kg dry	2.09	0.399	57.9	40-140	9.37	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170411 - SW-846 3546										
Matrix Spike Dup (B170411-MSD1)										
Source: 17B0503-18 Prepared: 02/14/17 Analyzed: 02/16/17										
Hexachlorobenzene	1.17	0.43	mg/Kg dry	2.09	ND	55.7	40-140	13.8	30	
Hexachlorobutadiene	1.20	0.43	mg/Kg dry	2.09	ND	57.1	40-140	7.68	30	
Hexachlorocyclopentadiene	0.302	0.43	mg/Kg dry	2.09	ND	14.4 *	30-130	7.08	30	MS-09
Hexachloroethane	1.17	0.43	mg/Kg dry	2.09	ND	56.0	40-140	11.8	30	
Indeno(1,2,3-cd)pyrene	1.81	0.21	mg/Kg dry	2.09	0.300	72.3	40-140	29.6	30	
Isophorone	1.25	0.43	mg/Kg dry	2.09	ND	59.7	40-140	7.76	30	
1-Methylnaphthalene	1.39	0.21	mg/Kg dry	2.09	0.262	54.0	40-140	7.35	30	
2-Methylnaphthalene	1.74	0.21	mg/Kg dry	2.09	0.461	60.9	40-140	1.01	30	
2-Methylphenol	1.14	0.43	mg/Kg dry	2.09	ND	54.4	30-130	9.78	30	
3/4-Methylphenol	1.18	0.43	mg/Kg dry	2.09	ND	56.3	30-130	11.4	30	
Naphthalene	1.39	0.21	mg/Kg dry	2.09	0.304	52.0	40-140	9.32	30	
2-Nitroaniline	1.47	0.43	mg/Kg dry	2.09	ND	70.2	40-140	2.67	30	
3-Nitroaniline	0.933	0.43	mg/Kg dry	2.09	ND	44.6	40-140	6.51	30	
4-Nitroaniline	1.43	0.43	mg/Kg dry	2.09	ND	68.4	40-140	3.37	30	
Nitrobenzene	0.919	0.43	mg/Kg dry	2.09	ND	43.9	40-140	7.96	30	
2-Nitrophenol	0.00796	0.43	mg/Kg dry	2.09	ND	0.380 *	30-130		30	MS-09
4-Nitrophenol	0.218	0.83	mg/Kg dry	2.09	ND	10.4 *	30-130	26.5	30	MS-09
N-Nitrosodimethylamine	1.05	0.43	mg/Kg dry	2.09	ND	50.4	40-140	15.5	30	
N-Nitrosodiphenylamine	1.70	0.43	mg/Kg dry	2.09	ND	81.0	40-140	18.8	30	
N-Nitrosodi-n-propylamine	1.18	0.43	mg/Kg dry	2.09	ND	56.1	40-140	14.4	30	
Pentachloronitrobenzene	1.04	0.43	mg/Kg dry	2.09	ND	49.9	40-140	9.77	30	V-16
Pentachlorophenol	0.0461	0.43	mg/Kg dry	2.09	ND	2.20 *	30-130		30	MS-09, V-05
Phenanthrene	2.54	0.21	mg/Kg dry	2.09	2.00	25.8 *	40-140	7.62	30	MS-09
Phenol	1.10	0.43	mg/Kg dry	2.09	ND	52.4	30-130	19.6	30	
Pyrene	2.80	0.21	mg/Kg dry	2.09	1.57	58.9	40-140	8.57	30	
Pyridine	0.937	0.43	mg/Kg dry	2.09	ND	44.8	40-140	17.8	30	
1,2,4,5-Tetrachlorobenzene	1.35	0.43	mg/Kg dry	2.09	ND	64.3	40-140	6.85	30	
1,2,4-Trichlorobenzene	1.18	0.43	mg/Kg dry	2.09	ND	56.5	40-140	10.1	30	
2,4,5-Trichlorophenol	0.420	0.43	mg/Kg dry	2.09	ND	20.1 *	30-130	9.18	30	MS-09
2,4,6-Trichlorophenol	0.133	0.43	mg/Kg dry	2.09	ND	6.36 *	30-130		30	MS-09
Surrogate: 2-Fluorophenol	3.14		mg/Kg dry	8.38		37.5	30-130			
Surrogate: Phenol-d6	4.70		mg/Kg dry	8.38		56.1	30-130			
Surrogate: Nitrobenzene-d5	1.68		mg/Kg dry	4.19		40.2	30-130			
Surrogate: 2-Fluorobiphenyl	2.80		mg/Kg dry	4.19		66.8	30-130			
Surrogate: 2,4,6-Tribromophenol	0.689		mg/Kg dry	8.38		8.23 *	30-130			S-03
Surrogate: p-Terphenyl-d14	3.41		mg/Kg dry	4.19		81.5	30-130			

Batch B170675 - SW-846 3546

Blank (B170675-BLK1)

Prepared: 02/17/17 Analyzed: 02/19/17

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							V-05
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							V-04, V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							V-05
Benzoic Acid	ND	1.0	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170675 - SW-846 3546

Blank (B170675-BLK1)

Prepared: 02/17/17 Analyzed: 02/19/17

Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							V-05
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-05
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							V-05
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170675 - SW-846 3546

Blank (B170675-BLK1)

Prepared: 02/17/17 Analyzed: 02/19/17

Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	4.95		mg/Kg wet	6.67		74.2	30-130			
Surrogate: Phenol-d6	5.11		mg/Kg wet	6.67		76.7	30-130			
Surrogate: Nitrobenzene-d5	2.48		mg/Kg wet	3.33		74.5	30-130			
Surrogate: 2-Fluorobiphenyl	3.03		mg/Kg wet	3.33		91.0	30-130			
Surrogate: 2,4,6-Tribromophenol	6.02		mg/Kg wet	6.67		90.2	30-130			
Surrogate: p-Terphenyl-d14	3.06		mg/Kg wet	3.33		91.9	30-130			

LCS (B170675-BS1)

Prepared: 02/17/17 Analyzed: 02/19/17

Acenaphthene	1.24	0.17	mg/Kg wet	1.67		74.1	40-140			
Acenaphthylene	1.30	0.17	mg/Kg wet	1.67		78.0	40-140			
Acetophenone	1.13	0.34	mg/Kg wet	1.67		67.8	40-140			
Aniline	0.602	0.34	mg/Kg wet	1.67		36.1	10-140			V-05 †
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.3	40-140			
Benidine	0.693	0.66	mg/Kg wet	1.67		41.6	40-140			V-04, V-05
Benzo(a)anthracene	1.27	0.17	mg/Kg wet	1.67		76.0	40-140			
Benzo(a)pyrene	1.20	0.17	mg/Kg wet	1.67		71.8	40-140			
Benzo(b)fluoranthene	1.18	0.17	mg/Kg wet	1.67		70.8	40-140			
Benzo(g,h,i)perylene	1.08	0.17	mg/Kg wet	1.67		64.7	40-140			
Benzo(k)fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.6	40-140			V-05
Benzoic Acid	0.826	1.0	mg/Kg wet	1.67		49.5	30-130			
Bis(2-chloroethoxy)methane	1.26	0.34	mg/Kg wet	1.67		75.6	40-140			
Bis(2-chloroethyl)ether	1.39	0.34	mg/Kg wet	1.67		83.3	40-140			
Bis(2-chloroisopropyl)ether	1.17	0.34	mg/Kg wet	1.67		70.4	40-140			
Bis(2-Ethylhexyl)phthalate	1.38	0.34	mg/Kg wet	1.67		82.9	40-140			
4-Bromophenylphenylether	1.23	0.34	mg/Kg wet	1.67		73.6	40-140			
Butylbenzylphthalate	1.33	0.34	mg/Kg wet	1.67		79.8	40-140			
Carbazole	1.16	0.17	mg/Kg wet	1.67		69.9	40-140			
4-Chloroaniline	0.768	0.66	mg/Kg wet	1.67		46.1	10-140			†
4-Chloro-3-methylphenol	1.19	0.66	mg/Kg wet	1.67		71.3	30-130			
2-Chloronaphthalene	1.15	0.34	mg/Kg wet	1.67		68.7	40-140			
2-Chlorophenol	1.14	0.34	mg/Kg wet	1.67		68.5	30-130			
4-Chlorophenylphenylether	1.37	0.34	mg/Kg wet	1.67		82.3	40-140			
Chrysene	1.19	0.17	mg/Kg wet	1.67		71.2	40-140			
Dibenz(a,h)anthracene	1.15	0.17	mg/Kg wet	1.67		68.8	40-140			
Dibenzofuran	1.35	0.34	mg/Kg wet	1.67		81.2	40-140			
Di-n-butylphthalate	1.26	0.34	mg/Kg wet	1.67		75.9	40-140			
1,2-Dichlorobenzene	1.05	0.34	mg/Kg wet	1.67		63.1	40-140			
1,3-Dichlorobenzene	1.01	0.34	mg/Kg wet	1.67		60.5	40-140			
1,4-Dichlorobenzene	1.02	0.34	mg/Kg wet	1.67		61.4	40-140			
3,3-Dichlorobenzidine	0.923	0.17	mg/Kg wet	1.67		55.4	20-140			†
2,4-Dichlorophenol	1.15	0.34	mg/Kg wet	1.67		69.1	30-130			
Diethylphthalate	1.39	0.34	mg/Kg wet	1.67		83.1	40-140			
2,4-Dimethylphenol	1.22	0.34	mg/Kg wet	1.67		73.2	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170675 - SW-846 3546										
LCS (B170675-BS1)										
					Prepared: 02/17/17 Analyzed: 02/19/17					
Dimethylphthalate	1.39	0.34	mg/Kg wet	1.67		83.2	40-140			
4,6-Dinitro-2-methylphenol	0.688	0.34	mg/Kg wet	1.67		41.3	30-130			V-05
2,4-Dinitrophenol	0.575	0.66	mg/Kg wet	1.67		34.5	30-130			V-05
2,4-Dinitrotoluene	1.39	0.34	mg/Kg wet	1.67		83.6	40-140			
2,6-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		85.5	40-140			
Di-n-octylphthalate	1.36	0.34	mg/Kg wet	1.67		81.8	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.29	0.34	mg/Kg wet	1.67		77.3	40-140			
Fluoranthene	1.19	0.17	mg/Kg wet	1.67		71.2	40-140			
Fluorene	1.32	0.17	mg/Kg wet	1.67		79.4	40-140			
Hexachlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.3	40-140			V-05
Hexachlorobutadiene	1.13	0.34	mg/Kg wet	1.67		67.7	40-140			
Hexachlorocyclopentadiene	0.935	0.34	mg/Kg wet	1.67		56.1	40-140			
Hexachloroethane	1.00	0.34	mg/Kg wet	1.67		60.1	40-140			
Indeno(1,2,3-cd)pyrene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140			
Isophorone	1.22	0.34	mg/Kg wet	1.67		73.4	40-140			
1-Methylnaphthalene	1.11	0.17	mg/Kg wet	1.67		66.3	40-140			
2-Methylnaphthalene	1.21	0.17	mg/Kg wet	1.67		72.7	40-140			
2-Methylphenol	1.11	0.34	mg/Kg wet	1.67		66.9	30-130			
3/4-Methylphenol	1.16	0.34	mg/Kg wet	1.67		69.6	30-130			
Naphthalene	1.12	0.17	mg/Kg wet	1.67		67.3	40-140			
2-Nitroaniline	1.36	0.34	mg/Kg wet	1.67		81.7	40-140			
3-Nitroaniline	1.29	0.34	mg/Kg wet	1.67		77.3	30-140			†
4-Nitroaniline	1.44	0.34	mg/Kg wet	1.67		86.4	40-140			
Nitrobenzene	1.17	0.34	mg/Kg wet	1.67		70.3	40-140			
2-Nitrophenol	1.11	0.34	mg/Kg wet	1.67		66.4	30-130			
4-Nitrophenol	1.34	0.66	mg/Kg wet	1.67		80.1	30-130			
N-Nitrosodimethylamine	1.04	0.34	mg/Kg wet	1.67		62.5	40-140			
N-Nitrosodiphenylamine	1.64	0.34	mg/Kg wet	1.67		98.7	40-140			
N-Nitrosodi-n-propylamine	1.18	0.34	mg/Kg wet	1.67		70.6	40-140			
Pentachloronitrobenzene	1.19	0.34	mg/Kg wet	1.67		71.7	40-140			V-16
Pentachlorophenol	0.918	0.34	mg/Kg wet	1.67		55.1	30-130			
Phenanthrene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140			
Phenol	1.15	0.34	mg/Kg wet	1.67		69.1	30-130			
Pyrene	1.18	0.17	mg/Kg wet	1.67		70.9	40-140			
Pyridine	0.787	0.34	mg/Kg wet	1.67		47.2	30-140			†
1,2,4,5-Tetrachlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.4	40-140			
1,2,4-Trichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.7	40-140			
2,4,5-Trichlorophenol	1.28	0.34	mg/Kg wet	1.67		76.6	30-130			
2,4,6-Trichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.2	30-130			
Surrogate: 2-Fluorophenol	4.93		mg/Kg wet	6.67		74.0	30-130			
Surrogate: Phenol-d6	4.97		mg/Kg wet	6.67		74.6	30-130			
Surrogate: Nitrobenzene-d5	2.46		mg/Kg wet	3.33		73.7	30-130			
Surrogate: 2-Fluorobiphenyl	2.88		mg/Kg wet	3.33		86.5	30-130			
Surrogate: 2,4,6-Tribromophenol	6.08		mg/Kg wet	6.67		91.3	30-130			
Surrogate: p-Terphenyl-d14	2.61		mg/Kg wet	3.33		78.4	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170675 - SW-846 3546										
LCS Dup (B170675-BSD1)										
					Prepared: 02/17/17 Analyzed: 02/19/17					
Acenaphthene	1.22	0.17	mg/Kg wet	1.67		73.3	40-140	1.14	30	
Acenaphthylene	1.27	0.17	mg/Kg wet	1.67		76.3	40-140	2.31	30	
Acetophenone	1.12	0.34	mg/Kg wet	1.67		67.5	40-140	0.503	30	
Aniline	0.644	0.34	mg/Kg wet	1.67		38.6	10-140	6.80	50	V-05 † ‡
Anthracene	1.20	0.17	mg/Kg wet	1.67		72.0	40-140	1.79	30	
Benzidine	0.554	0.66	mg/Kg wet	1.67		33.2	* 40-140	22.3	30	L-07, V-04, V-05
Benzo(a)anthracene	1.26	0.17	mg/Kg wet	1.67		75.8	40-140	0.211	30	
Benzo(a)pyrene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140	2.14	30	
Benzo(b)fluoranthene	1.19	0.17	mg/Kg wet	1.67		71.4	40-140	0.788	30	
Benzo(g,h,i)perylene	1.05	0.17	mg/Kg wet	1.67		63.1	40-140	2.60	30	
Benzo(k)fluoranthene	1.15	0.17	mg/Kg wet	1.67		69.1	40-140	0.692	30	V-05
Benzoic Acid	0.795	1.0	mg/Kg wet	1.67		47.7	30-130	3.78	50	‡
Bis(2-chloroethoxy)methane	1.22	0.34	mg/Kg wet	1.67		73.3	40-140	3.04	30	
Bis(2-chloroethyl)ether	1.31	0.34	mg/Kg wet	1.67		78.5	40-140	5.93	30	
Bis(2-chloroisopropyl)ether	1.18	0.34	mg/Kg wet	1.67		70.9	40-140	0.679	30	
Bis(2-Ethylhexyl)phthalate	1.41	0.34	mg/Kg wet	1.67		84.7	40-140	2.12	30	
4-Bromophenylphenylether	1.20	0.34	mg/Kg wet	1.67		72.1	40-140	2.14	30	
Butylbenzylphthalate	1.38	0.34	mg/Kg wet	1.67		83.0	40-140	3.93	30	
Carbazole	1.15	0.17	mg/Kg wet	1.67		69.0	40-140	1.30	30	
4-Chloroaniline	0.764	0.66	mg/Kg wet	1.67		45.9	10-140	0.479	30	†
4-Chloro-3-methylphenol	1.17	0.66	mg/Kg wet	1.67		70.1	30-130	1.73	30	
2-Chloronaphthalene	1.26	0.34	mg/Kg wet	1.67		75.4	40-140	9.32	30	
2-Chlorophenol	1.15	0.34	mg/Kg wet	1.67		68.8	30-130	0.379	30	
4-Chlorophenylphenylether	1.35	0.34	mg/Kg wet	1.67		80.9	40-140	1.62	30	
Chrysene	1.19	0.17	mg/Kg wet	1.67		71.3	40-140	0.0281	30	
Dibenz(a,h)anthracene	1.12	0.17	mg/Kg wet	1.67		67.1	40-140	2.56	30	
Dibenzofuran	1.34	0.34	mg/Kg wet	1.67		80.5	40-140	0.890	30	
Di-n-butylphthalate	1.26	0.34	mg/Kg wet	1.67		75.4	40-140	0.634	30	
1,2-Dichlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.8	40-140	1.07	30	
1,3-Dichlorobenzene	1.01	0.34	mg/Kg wet	1.67		60.9	40-140	0.626	30	
1,4-Dichlorobenzene	1.03	0.34	mg/Kg wet	1.67		61.6	40-140	0.357	30	
3,3-Dichlorobenzidine	1.04	0.17	mg/Kg wet	1.67		62.4	20-140	11.9	50	† ‡
2,4-Dichlorophenol	1.15	0.34	mg/Kg wet	1.67		68.8	30-130	0.435	30	
Diethylphthalate	1.40	0.34	mg/Kg wet	1.67		84.0	40-140	1.05	30	
2,4-Dimethylphenol	1.17	0.34	mg/Kg wet	1.67		70.0	30-130	4.47	30	
Dimethylphthalate	1.36	0.34	mg/Kg wet	1.67		81.8	40-140	1.75	30	
4,6-Dinitro-2-methylphenol	0.659	0.34	mg/Kg wet	1.67		39.6	30-130	4.30	30	V-05
2,4-Dinitrophenol	0.518	0.66	mg/Kg wet	1.67		31.1	30-130	10.4	30	V-05
2,4-Dinitrotoluene	1.35	0.34	mg/Kg wet	1.67		80.9	40-140	3.21	30	
2,6-Dinitrotoluene	1.43	0.34	mg/Kg wet	1.67		85.6	40-140	0.0701	30	
Di-n-octylphthalate	1.37	0.34	mg/Kg wet	1.67		82.5	40-140	0.852	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.24	0.34	mg/Kg wet	1.67		74.6	40-140	3.58	30	
Fluoranthene	1.18	0.17	mg/Kg wet	1.67		71.1	40-140	0.141	30	
Fluorene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140	2.06	30	
Hexachlorobenzene	1.13	0.34	mg/Kg wet	1.67		68.0	40-140	1.81	30	V-05
Hexachlorobutadiene	1.12	0.34	mg/Kg wet	1.67		67.5	40-140	0.325	30	
Hexachlorocyclopentadiene	0.843	0.34	mg/Kg wet	1.67		50.6	40-140	10.3	30	
Hexachloroethane	1.04	0.34	mg/Kg wet	1.67		62.4	40-140	3.62	30	
Indeno(1,2,3-cd)pyrene	1.11	0.17	mg/Kg wet	1.67		66.3	40-140	6.82	30	
Isophorone	1.19	0.34	mg/Kg wet	1.67		71.2	40-140	3.04	30	
1-Methylnaphthalene	1.09	0.17	mg/Kg wet	1.67		65.1	40-140	1.83	30	
2-Methylnaphthalene	1.19	0.17	mg/Kg wet	1.67		71.1	40-140	2.22	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170675 - SW-846 3546										
LCS Dup (B170675-BSD1)										
					Prepared: 02/17/17 Analyzed: 02/19/17					
2-Methylphenol	1.11	0.34	mg/Kg wet	1.67		66.5	30-130	0.600	30	
3/4-Methylphenol	1.19	0.34	mg/Kg wet	1.67		71.1	30-130	2.13	30	
Naphthalene	1.12	0.17	mg/Kg wet	1.67		67.2	40-140	0.0595	30	
2-Nitroaniline	1.35	0.34	mg/Kg wet	1.67		81.1	40-140	0.786	30	
3-Nitroaniline	1.30	0.34	mg/Kg wet	1.67		78.3	30-140	1.31	30	†
4-Nitroaniline	1.46	0.34	mg/Kg wet	1.67		87.7	40-140	1.49	30	
Nitrobenzene	1.16	0.34	mg/Kg wet	1.67		69.6	40-140	1.00	30	
2-Nitrophenol	1.09	0.34	mg/Kg wet	1.67		65.2	30-130	1.76	30	
4-Nitrophenol	1.37	0.66	mg/Kg wet	1.67		82.0	30-130	2.29	50	‡
N-Nitrosodimethylamine	1.06	0.34	mg/Kg wet	1.67		63.5	40-140	1.46	30	
N-Nitrosodiphenylamine	1.62	0.34	mg/Kg wet	1.67		97.1	40-140	1.61	30	
N-Nitrosodi-n-propylamine	1.15	0.34	mg/Kg wet	1.67		69.2	40-140	1.97	30	
Pentachloronitrobenzene	1.20	0.34	mg/Kg wet	1.67		71.8	40-140	0.139	30	V-16
Pentachlorophenol	0.945	0.34	mg/Kg wet	1.67		56.7	30-130	2.83	30	
Phenanthrene	1.17	0.17	mg/Kg wet	1.67		70.0	40-140	2.17	30	
Phenol	1.16	0.34	mg/Kg wet	1.67		69.3	30-130	0.347	30	
Pyrene	1.20	0.17	mg/Kg wet	1.67		71.8	40-140	1.26	30	
Pyridine	0.815	0.34	mg/Kg wet	1.67		48.9	30-140	3.45	30	†
1,2,4,5-Tetrachlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.6	40-140	1.00	30	
1,2,4-Trichlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.6	40-140	1.41	30	
2,4,5-Trichlorophenol	1.29	0.34	mg/Kg wet	1.67		77.2	30-130	0.780	30	
2,4,6-Trichlorophenol	1.33	0.34	mg/Kg wet	1.67		79.8	30-130	1.81	30	
Surrogate: 2-Fluorophenol	4.88		mg/Kg wet	6.67		73.2	30-130			
Surrogate: Phenol-d6	4.90		mg/Kg wet	6.67		73.6	30-130			
Surrogate: Nitrobenzene-d5	2.39		mg/Kg wet	3.33		71.6	30-130			
Surrogate: 2-Fluorobiphenyl	2.76		mg/Kg wet	3.33		82.9	30-130			
Surrogate: 2,4,6-Tribromophenol	6.10		mg/Kg wet	6.67		91.5	30-130			
Surrogate: p-Terphenyl-d14	2.65		mg/Kg wet	3.33		79.4	30-130			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170237 - SW-846 3546										
Blank (B170237-BLK1)										
Prepared: 02/13/17 Analyzed: 02/15/17										
alpha-Chlordane	ND	0.0050	mg/Kg wet							
alpha-Chlordane [2C]	ND	0.0050	mg/Kg wet							
gamma-Chlordane	ND	0.0050	mg/Kg wet							
gamma-Chlordane [2C]	ND	0.0050	mg/Kg wet							
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0020	mg/Kg wet							
Aldrin [2C]	ND	0.0020	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0010	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDE	ND	0.0010	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDT	ND	0.0010	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0010	mg/Kg wet							
Dieldrin	ND	0.0020	mg/Kg wet							
Dieldrin [2C]	ND	0.0020	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0060	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0060	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.184		mg/Kg wet	0.200		92.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.177		mg/Kg wet	0.200		88.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.184		mg/Kg wet	0.200		91.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.173		mg/Kg wet	0.200		86.7	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170237 - SW-846 3546										
LCS (B170237-BS1)										
					Prepared: 02/13/17 Analyzed: 02/15/17					
alpha-Chlordane	0.091	0.0050	mg/Kg wet	0.100		91.4	40-140			
alpha-Chlordane [2C]	0.089	0.0050	mg/Kg wet	0.100		88.6	40-140			
gamma-Chlordane	0.089	0.0050	mg/Kg wet	0.100		88.8	40-140			
gamma-Chlordane [2C]	0.091	0.0050	mg/Kg wet	0.100		90.7	40-140			
Alachlor	0.10	0.020	mg/Kg wet	0.100		102	40-140			
Alachlor [2C]	0.10	0.020	mg/Kg wet	0.100		100	40-140			
Aldrin	0.091	0.0020	mg/Kg wet	0.100		91.1	40-140			
Aldrin [2C]	0.086	0.0020	mg/Kg wet	0.100		86.0	40-140			
alpha-BHC	0.094	0.0050	mg/Kg wet	0.100		93.9	40-140			
alpha-BHC [2C]	0.083	0.0050	mg/Kg wet	0.100		82.6	40-140			
beta-BHC	0.092	0.0050	mg/Kg wet	0.100		92.2	40-140			
beta-BHC [2C]	0.084	0.0050	mg/Kg wet	0.100		84.0	40-140			
delta-BHC	0.092	0.0050	mg/Kg wet	0.100		92.0	40-140			
delta-BHC [2C]	0.083	0.0050	mg/Kg wet	0.100		83.4	40-140			
gamma-BHC (Lindane)	0.097	0.0020	mg/Kg wet	0.100		97.1	40-140			
gamma-BHC (Lindane) [2C]	0.086	0.0020	mg/Kg wet	0.100		86.1	40-140			
4,4'-DDD	0.097	0.0010	mg/Kg wet	0.100		97.4	40-140			
4,4'-DDD [2C]	0.091	0.0010	mg/Kg wet	0.100		91.1	40-140			
4,4'-DDE	0.097	0.0010	mg/Kg wet	0.100		96.5	40-140			
4,4'-DDE [2C]	0.091	0.0010	mg/Kg wet	0.100		90.6	40-140			
4,4'-DDT	0.098	0.0010	mg/Kg wet	0.100		97.9	40-140			
4,4'-DDT [2C]	0.090	0.0010	mg/Kg wet	0.100		89.6	40-140			
Dieldrin	0.090	0.0020	mg/Kg wet	0.100		89.8	40-140			
Dieldrin [2C]	0.084	0.0020	mg/Kg wet	0.100		83.6	40-140			
Endosulfan I	0.082	0.0050	mg/Kg wet	0.100		81.9	40-140			
Endosulfan I [2C]	0.081	0.0050	mg/Kg wet	0.100		80.5	40-140			
Endosulfan II	0.087	0.0080	mg/Kg wet	0.100		86.7	40-140			
Endosulfan II [2C]	0.084	0.0080	mg/Kg wet	0.100		84.4	40-140			
Endosulfan Sulfate	0.10	0.0080	mg/Kg wet	0.100		99.8	40-140			
Endosulfan Sulfate [2C]	0.089	0.0080	mg/Kg wet	0.100		88.8	40-140			
Endrin	0.092	0.0080	mg/Kg wet	0.100		91.8	40-140			
Endrin [2C]	0.089	0.0080	mg/Kg wet	0.100		89.4	40-140			
Endrin Aldehyde	0.089	0.0080	mg/Kg wet	0.100		89.1	40-140			
Endrin Aldehyde [2C]	0.086	0.0080	mg/Kg wet	0.100		86.4	40-140			
Endrin Ketone	0.096	0.0080	mg/Kg wet	0.100		95.7	40-140			
Endrin Ketone [2C]	0.093	0.0080	mg/Kg wet	0.100		92.6	40-140			
Heptachlor	0.089	0.0050	mg/Kg wet	0.100		88.8	40-140			
Heptachlor [2C]	0.086	0.0050	mg/Kg wet	0.100		85.8	40-140			
Heptachlor Epoxide	0.089	0.0050	mg/Kg wet	0.100		88.5	40-140			
Heptachlor Epoxide [2C]	0.085	0.0050	mg/Kg wet	0.100		85.4	40-140			
Hexachlorobenzene	0.087	0.0060	mg/Kg wet	0.100		87.4	40-140			
Hexachlorobenzene [2C]	0.080	0.0060	mg/Kg wet	0.100		80.0	40-140			
Methoxychlor	0.094	0.050	mg/Kg wet	0.100		93.8	40-140			
Methoxychlor [2C]	0.11	0.050	mg/Kg wet	0.100		110	40-140			
Surrogate: Decachlorobiphenyl	0.189		mg/Kg wet	0.200		94.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.183		mg/Kg wet	0.200		91.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.188		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.166		mg/Kg wet	0.200		83.2	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170237 - SW-846 3546										
LCS Dup (B170237-BSD1)										
					Prepared: 02/13/17 Analyzed: 02/15/17					
alpha-Chlordane	0.087	0.0050	mg/Kg wet	0.100		86.9	40-140	5.09	30	
alpha-Chlordane [2C]	0.086	0.0050	mg/Kg wet	0.100		85.6	40-140	3.52	30	
gamma-Chlordane	0.085	0.0050	mg/Kg wet	0.100		84.6	40-140	4.84	30	
gamma-Chlordane [2C]	0.088	0.0050	mg/Kg wet	0.100		88.3	40-140	2.63	30	
Alachlor	0.098	0.020	mg/Kg wet	0.100		97.6	40-140	4.32	30	
Alachlor [2C]	0.098	0.020	mg/Kg wet	0.100		97.7	40-140	2.70	30	
Aldrin	0.087	0.0020	mg/Kg wet	0.100		86.7	40-140	4.98	30	
Aldrin [2C]	0.085	0.0020	mg/Kg wet	0.100		85.2	40-140	0.918	30	
alpha-BHC	0.086	0.0050	mg/Kg wet	0.100		85.9	40-140	8.85	30	
alpha-BHC [2C]	0.085	0.0050	mg/Kg wet	0.100		85.5	40-140	3.39	30	
beta-BHC	0.085	0.0050	mg/Kg wet	0.100		84.6	40-140	8.52	30	
beta-BHC [2C]	0.085	0.0050	mg/Kg wet	0.100		85.3	40-140	1.48	30	
delta-BHC	0.085	0.0050	mg/Kg wet	0.100		84.6	40-140	8.29	30	
delta-BHC [2C]	0.085	0.0050	mg/Kg wet	0.100		84.7	40-140	1.56	30	
gamma-BHC (Lindane)	0.089	0.0020	mg/Kg wet	0.100		89.4	40-140	8.20	30	
gamma-BHC (Lindane) [2C]	0.088	0.0020	mg/Kg wet	0.100		88.1	40-140	2.29	30	
4,4'-DDD	0.093	0.0010	mg/Kg wet	0.100		92.8	40-140	4.84	30	
4,4'-DDD [2C]	0.088	0.0010	mg/Kg wet	0.100		87.8	40-140	3.70	30	
4,4'-DDE	0.092	0.0010	mg/Kg wet	0.100		92.2	40-140	4.66	30	
4,4'-DDE [2C]	0.088	0.0010	mg/Kg wet	0.100		87.5	40-140	3.42	30	
4,4'-DDT	0.093	0.0010	mg/Kg wet	0.100		93.4	40-140	4.72	30	
4,4'-DDT [2C]	0.087	0.0010	mg/Kg wet	0.100		87.2	40-140	2.72	30	
Dieldrin	0.086	0.0020	mg/Kg wet	0.100		85.6	40-140	4.71	30	
Dieldrin [2C]	0.081	0.0020	mg/Kg wet	0.100		80.8	40-140	3.36	30	
Endosulfan I	0.078	0.0050	mg/Kg wet	0.100		78.0	40-140	4.77	30	
Endosulfan I [2C]	0.078	0.0050	mg/Kg wet	0.100		78.3	40-140	2.76	30	
Endosulfan II	0.082	0.0080	mg/Kg wet	0.100		82.5	40-140	4.97	30	
Endosulfan II [2C]	0.081	0.0080	mg/Kg wet	0.100		81.2	40-140	3.95	30	
Endosulfan Sulfate	0.095	0.0080	mg/Kg wet	0.100		94.7	40-140	5.16	30	
Endosulfan Sulfate [2C]	0.085	0.0080	mg/Kg wet	0.100		85.4	40-140	3.96	30	
Endrin	0.088	0.0080	mg/Kg wet	0.100		87.6	40-140	4.73	30	
Endrin [2C]	0.086	0.0080	mg/Kg wet	0.100		86.3	40-140	3.54	30	
Endrin Aldehyde	0.085	0.0080	mg/Kg wet	0.100		84.8	40-140	4.92	30	
Endrin Aldehyde [2C]	0.082	0.0080	mg/Kg wet	0.100		82.1	40-140	5.09	30	
Endrin Ketone	0.092	0.0080	mg/Kg wet	0.100		91.6	40-140	4.38	30	
Endrin Ketone [2C]	0.090	0.0080	mg/Kg wet	0.100		89.8	40-140	3.02	30	
Heptachlor	0.084	0.0050	mg/Kg wet	0.100		84.1	40-140	5.39	30	
Heptachlor [2C]	0.086	0.0050	mg/Kg wet	0.100		86.3	40-140	0.603	30	
Heptachlor Epoxide	0.084	0.0050	mg/Kg wet	0.100		84.4	40-140	4.84	30	
Heptachlor Epoxide [2C]	0.083	0.0050	mg/Kg wet	0.100		83.4	40-140	2.33	30	
Hexachlorobenzene	0.081	0.0060	mg/Kg wet	0.100		81.4	40-140	7.13	30	
Hexachlorobenzene [2C]	0.083	0.0060	mg/Kg wet	0.100		82.6	40-140	3.15	30	
Methoxychlor	0.090	0.050	mg/Kg wet	0.100		90.0	40-140	4.06	30	
Methoxychlor [2C]	0.11	0.050	mg/Kg wet	0.100		105	40-140	4.09	30	
Surrogate: Decachlorobiphenyl	0.178		mg/Kg wet	0.200		88.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.172		mg/Kg wet	0.200		86.1	30-150			
Surrogate: Tetrachloro-m-xylene	0.170		mg/Kg wet	0.200		84.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.170		mg/Kg wet	0.200		84.8	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170238 - SW-846 3546										
Blank (B170238-BLK1)										
Prepared: 02/13/17 Analyzed: 02/15/17										
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.201		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.177		mg/Kg wet	0.200		88.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.178		mg/Kg wet	0.200		89.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.165		mg/Kg wet	0.200		82.3	30-150			
LCS (B170238-BS1)										
Prepared: 02/13/17 Analyzed: 02/15/17										
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		79.7	40-140			
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		75.8	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		79.2	40-140			
Aroclor-1260 [2C]	0.15	0.020	mg/Kg wet	0.200		73.0	40-140			
Surrogate: Decachlorobiphenyl	0.196		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.174		mg/Kg wet	0.200		87.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.179		mg/Kg wet	0.200		89.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.165		mg/Kg wet	0.200		82.5	30-150			
LCS Dup (B170238-BSD1)										
Prepared: 02/13/17 Analyzed: 02/15/17										
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		78.2	40-140	1.91	30	
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		74.7	40-140	1.52	30	
Aroclor-1260	0.15	0.020	mg/Kg wet	0.200		77.4	40-140	2.20	30	
Aroclor-1260 [2C]	0.14	0.020	mg/Kg wet	0.200		71.9	40-140	1.62	30	
Surrogate: Decachlorobiphenyl	0.191		mg/Kg wet	0.200		95.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.171		mg/Kg wet	0.200		85.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.172		mg/Kg wet	0.200		86.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.160		mg/Kg wet	0.200		79.9	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170375 - SW-846 3546										
Blank (B170375-BLK1)										
Prepared: 02/14/17 Analyzed: 02/17/17										
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.184		mg/Kg wet	0.200		91.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.172		mg/Kg wet	0.200		85.8	30-150			
Surrogate: Tetrachloro-m-xylene	0.184		mg/Kg wet	0.200		91.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.169		mg/Kg wet	0.200		84.3	30-150			
LCS (B170375-BS1)										
Prepared: 02/14/17 Analyzed: 02/17/17										
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		90.5	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		86.3	40-140			
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		89.5	40-140			
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		88.8	40-140			
Surrogate: Decachlorobiphenyl	0.203		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.189		mg/Kg wet	0.200		94.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.198		mg/Kg wet	0.200		98.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.176		mg/Kg wet	0.200		87.9	30-150			
LCS Dup (B170375-BSD1)										
Prepared: 02/14/17 Analyzed: 02/17/17										
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		86.9	40-140	4.01	30	
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		84.3	40-140	2.30	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		85.3	40-140	4.71	30	
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		85.7	40-140	3.52	30	
Surrogate: Decachlorobiphenyl	0.195		mg/Kg wet	0.200		97.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.185		mg/Kg wet	0.200		92.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.190		mg/Kg wet	0.200		95.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.171		mg/Kg wet	0.200		85.5	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170375 - SW-846 3546										
Matrix Spike (B170375-MS1)		Source: 17B0503-18			Prepared: 02/14/17 Analyzed: 02/18/17					
Aroclor-1016	0.21	0.13	mg/Kg dry	0.251	ND	85.4	40-140			
Aroclor-1016 [2C]	0.39	0.13	mg/Kg dry	0.251	ND	156 *	40-140			MS-21
Aroclor-1260	0.45	0.13	mg/Kg dry	0.251	ND	178 *	40-140			MS-21
Aroclor-1260 [2C]	0.35	0.13	mg/Kg dry	0.251	ND	139	40-140			
Surrogate: Decachlorobiphenyl	0.183		mg/Kg dry	0.251		72.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.167		mg/Kg dry	0.251		66.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.215		mg/Kg dry	0.251		85.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.211		mg/Kg dry	0.251		83.9	30-150			
Matrix Spike Dup (B170375-MSD1)		Source: 17B0503-18			Prepared: 02/14/17 Analyzed: 02/18/17					
Aroclor-1016	0.24	0.13	mg/Kg dry	0.251	ND	94.0	40-140	9.66	30	
Aroclor-1016 [2C]	0.39	0.13	mg/Kg dry	0.251	ND	156 *	40-140	0.0480	30	MS-21
Aroclor-1260	0.49	0.13	mg/Kg dry	0.251	ND	194 *	40-140	8.55	30	MS-21
Aroclor-1260 [2C]	0.38	0.13	mg/Kg dry	0.251	ND	152 *	40-140	8.70	30	MS-21
Surrogate: Decachlorobiphenyl	0.201		mg/Kg dry	0.251		80.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.181		mg/Kg dry	0.251		72.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.230		mg/Kg dry	0.251		91.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.224		mg/Kg dry	0.251		89.1	30-150			
Batch B170377 - SW-846 3546										
Blank (B170377-BLK1)		Prepared: 02/14/17 Analyzed: 02/16/17								
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.213		mg/Kg wet	0.200		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.211		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	0.210		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.194		mg/Kg wet	0.200		97.1	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170377 - SW-846 3546

LCS (B170377-BS1)

Prepared: 02/14/17 Analyzed: 02/16/17

Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		92.0	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		83.4	40-140			
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		93.1	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		83.8	40-140			
Surrogate: Decachlorobiphenyl	0.196		mg/Kg wet	0.200		97.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.193		mg/Kg wet	0.200		96.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.196		mg/Kg wet	0.200		97.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.182		mg/Kg wet	0.200		90.9	30-150			

LCS Dup (B170377-BSD1)

Prepared: 02/14/17 Analyzed: 02/16/17

Aroclor-1016	0.19	0.020	mg/Kg wet	0.200		93.3	40-140	1.36	30	
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		86.7	40-140	3.94	30	
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		95.7	40-140	2.69	30	
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		85.9	40-140	2.48	30	
Surrogate: Decachlorobiphenyl	0.200		mg/Kg wet	0.200		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.197		mg/Kg wet	0.200		98.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.195		mg/Kg wet	0.200		97.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.180		mg/Kg wet	0.200		89.9	30-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170631 - SW-846 3051

Blank (B170631-BLK1)

Prepared: 02/16/17 Analyzed: 02/21/17

Aluminum	ND	2.5	mg/Kg wet							
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Calcium	ND	7.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Cobalt	ND	2.5	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Iron	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Magnesium	ND	7.5	mg/Kg wet							
Manganese	ND	0.50	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Potassium	ND	100	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Sodium	ND	100	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							

LCS (B170631-BS1)

Prepared: 02/16/17 Analyzed: 02/17/17

Aluminum	5950	5.0	mg/Kg wet	8080		73.7	51.2-148.1			
Antimony	162	5.0	mg/Kg wet	88.2		183	0-210.3			
Arsenic	60.5	5.0	mg/Kg wet	57.0		106	77.8-122.1			
Barium	109	5.0	mg/Kg wet	110		99.4	82-117.4			
Beryllium	78.4	0.50	mg/Kg wet	67.5		116	82.3-117.7			
Cadmium	80.7	0.50	mg/Kg wet	77.8		104	81.9-118.2			
Calcium	6500	15	mg/Kg wet	6450		101	81.9-118.2			
Chromium	69.0	0.99	mg/Kg wet	65.0		106	78.7-120.6			
Cobalt	62.6	5.0	mg/Kg wet	58.8		106	83-116.7			
Copper	61.2	0.99	mg/Kg wet	56.4		109	80.4-119.6			
Iron	13500	5.0	mg/Kg wet	14700		92.0	46.8-153			
Lead	86.8	1.5	mg/Kg wet	85.6		101	82.4-117.8			
Magnesium	2380	15	mg/Kg wet	2710		87.7	75.5-124.2			
Manganese	269	0.99	mg/Kg wet	273		98.4	80.8-119.2			
Nickel	63.8	0.99	mg/Kg wet	61.3		104	82.2-117.8			
Potassium	2440	200	mg/Kg wet	2420		101	69.9-130.1			
Selenium	79.6	9.9	mg/Kg wet	78.9		101	77.1-122.3			
Silver	57.8	0.99	mg/Kg wet	54.2		107	74.3-125.4			
Sodium	938	200	mg/Kg wet	914		103	69.9-130.5			
Thallium	191	5.0	mg/Kg wet	178		107	78.2-121.6			
Vanadium	56.4	2.0	mg/Kg wet	56.3		100	64.8-135.2			
Zinc	211	2.0	mg/Kg wet	198		107	79.7-120.8			

L-07

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170631 - SW-846 3051										
LCS Dup (B170631-BSD1)										
					Prepared: 02/16/17 Analyzed: 02/17/17					
Aluminum	5700	5.0	mg/Kg wet	8080		70.6	51.2-148.1	4.27	30	
Antimony	153	5.0	mg/Kg wet	88.2		173	0-210.3	5.50	30	
Arsenic	59.8	5.0	mg/Kg wet	57.0		105	77.8-122.1	1.13	30	
Barium	108	5.0	mg/Kg wet	110		98.3	82-117.4	1.10	30	
Beryllium	75.9	0.50	mg/Kg wet	67.5		112	82.3-117.7	3.18	30	
Cadmium	79.9	0.50	mg/Kg wet	77.8		103	81.9-118.2	0.946	30	
Calcium	6320	15	mg/Kg wet	6450		97.9	81.9-118.2	2.83	30	
Chromium	72.6	0.99	mg/Kg wet	65.0		112	78.7-120.6	5.10	30	
Cobalt	61.4	5.0	mg/Kg wet	58.8		105	83-116.7	1.88	30	
Copper	59.8	0.99	mg/Kg wet	56.4		106	80.4-119.6	2.35	30	
Iron	13000	5.0	mg/Kg wet	14700		88.5	46.8-153	3.89	30	
Lead	109	1.5	mg/Kg wet	85.6		127	* 82.4-117.8	22.6	30	L-07
Magnesium	2320	15	mg/Kg wet	2710		85.5	75.5-124.2	2.50	30	
Manganese	285	0.99	mg/Kg wet	273		104	80.8-119.2	5.82	30	
Nickel	61.5	0.99	mg/Kg wet	61.3		100	82.2-117.8	3.72	30	
Potassium	2360	200	mg/Kg wet	2420		97.7	69.9-130.1	3.16	30	
Selenium	76.8	9.9	mg/Kg wet	78.9		97.4	77.1-122.3	3.53	30	
Silver	55.0	0.99	mg/Kg wet	54.2		101	74.3-125.4	5.04	30	
Sodium	916	200	mg/Kg wet	914		100	69.9-130.5	2.34	30	
Thallium	186	5.0	mg/Kg wet	178		104	78.2-121.6	2.81	30	
Vanadium	54.3	2.0	mg/Kg wet	56.3		96.5	64.8-135.2	3.66	30	
Zinc	207	2.0	mg/Kg wet	198		104	79.7-120.8	1.99	30	
MRL Check (B170631-MRL1)										
					Prepared: 02/16/17 Analyzed: 02/20/17					
Lead	0.632	0.73	mg/Kg wet	0.729		86.8	80-120			
Batch B170638 - SW-846 7471										
Blank (B170638-BLK1)										
					Prepared: 02/16/17 Analyzed: 02/17/17					
Mercury	ND	0.025	mg/Kg wet							
LCS (B170638-BS1)										
					Prepared: 02/16/17 Analyzed: 02/17/17					
Mercury	10.4	1.9	mg/Kg wet	9.36		111	73.7-126.3			
LCS Dup (B170638-BSD1)										
					Prepared: 02/16/17 Analyzed: 02/17/17					
Mercury	10.3	1.9	mg/Kg wet	9.36		111	73.7-126.3	0.322	30	
Batch B170657 - SW-846 3051										
Blank (B170657-BLK1)										
					Prepared: 02/17/17 Analyzed: 02/20/17					
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170657 - SW-846 3051										
LCS (B170657-BS1) Prepared: 02/17/17 Analyzed: 02/20/17										
Arsenic	52.1	5.0	mg/Kg wet	57.0		91.4	77.8-122.1			
Barium	95.0	5.0	mg/Kg wet	110		86.3	82-117.4			
Cadmium	73.1	0.50	mg/Kg wet	77.8		93.9	81.9-118.2			
Chromium	59.8	0.99	mg/Kg wet	65.0		92.1	78.7-120.6			
Lead	79.0	1.5	mg/Kg wet	85.6		92.3	82.4-117.8			
Selenium	73.2	9.9	mg/Kg wet	78.9		92.8	77.1-122.3			
Silver	49.5	0.99	mg/Kg wet	54.2		91.3	74.3-125.4			
LCS Dup (B170657-BSD1) Prepared: 02/17/17 Analyzed: 02/20/17										
Arsenic	53.9	5.0	mg/Kg wet	57.0		94.5	77.8-122.1	3.33	30	
Barium	103	5.0	mg/Kg wet	110		93.6	82-117.4	8.06	30	
Cadmium	76.8	0.50	mg/Kg wet	77.8		98.7	81.9-118.2	4.97	30	
Chromium	63.8	0.99	mg/Kg wet	65.0		98.2	78.7-120.6	6.47	30	
Lead	80.6	1.5	mg/Kg wet	85.6		94.2	82.4-117.8	2.04	30	
Selenium	76.7	9.9	mg/Kg wet	78.9		97.2	77.1-122.3	4.67	30	
Silver	51.2	0.99	mg/Kg wet	54.2		94.4	74.3-125.4	3.40	30	
MRL Check (B170657-MRL1) Prepared: 02/17/17 Analyzed: 02/20/17										
Lead	0.697	0.72	mg/Kg wet	0.721		96.8	80-120			
Batch B170739 - SW-846 7471										
Blank (B170739-BLK1) Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	ND	0.025	mg/Kg wet							
LCS (B170739-BS1) Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	8.33	1.9	mg/Kg wet	9.36		89.0	73.7-126.3			
LCS Dup (B170739-BSD1) Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	8.81	2.0	mg/Kg wet	9.36		94.1	73.7-126.3	5.54	30	
Duplicate (B170739-DUP1) Source: 17B0503-18 Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	0.482	0.031	mg/Kg dry		0.236			68.8 *	35	R-02
Matrix Spike (B170739-MS1) Source: 17B0503-18 Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	0.496	0.031	mg/Kg dry	0.208	0.236	125	75-125			
Matrix Spike Dup (B170739-MSD1) Source: 17B0503-18 Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	0.451	0.031	mg/Kg dry	0.204	0.236	106	75-125	9.35	35	
Batch B170760 - SW-846 3050B										
Blank (B170760-BLK1) Prepared: 02/17/17 Analyzed: 02/20/17										
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170760 - SW-846 3050B										
LCS (B170760-BS1) Prepared: 02/17/17 Analyzed: 02/20/17										
Arsenic	52.7	5.1	mg/Kg wet	57.0		92.4	77.8-122.1			
Barium	104	5.1	mg/Kg wet	110		94.2	82-117.4			
Cadmium	74.2	0.51	mg/Kg wet	77.8		95.4	81.9-118.2			
Chromium	59.9	1.0	mg/Kg wet	65.0		92.2	78.7-120.6			
Lead	83.1	1.5	mg/Kg wet	85.6		97.0	82.4-117.8			
Selenium	74.1	10	mg/Kg wet	78.9		93.9	77.1-122.3			
Silver	51.0	1.0	mg/Kg wet	54.2		94.1	74.3-125.4			
LCS Dup (B170760-BSD1) Prepared: 02/17/17 Analyzed: 02/20/17										
Arsenic	56.4	5.0	mg/Kg wet	57.0		98.9	77.8-122.1	6.82	30	
Barium	117	5.0	mg/Kg wet	110		107	82-117.4	12.3	30	
Cadmium	79.7	0.50	mg/Kg wet	77.8		102	81.9-118.2	7.10	30	
Chromium	65.3	1.0	mg/Kg wet	65.0		100	78.7-120.6	8.56	30	
Lead	85.0	1.5	mg/Kg wet	85.6		99.3	82.4-117.8	2.33	30	
Selenium	79.0	10	mg/Kg wet	78.9		100	77.1-122.3	6.43	30	
Silver	55.1	1.0	mg/Kg wet	54.2		102	74.3-125.4	7.80	30	
Duplicate (B170760-DUP1) Source: 17B0503-18 Prepared: 02/17/17 Analyzed: 02/20/17										
Arsenic	4.09	3.1	mg/Kg dry		3.27			22.2	35	
Barium	600	3.1	mg/Kg dry		271			75.7 *	35	R-02
Cadmium	4.84	0.31	mg/Kg dry		3.21			40.3 *	35	R-02
Chromium	199	0.63	mg/Kg dry		169			16.3	35	
Lead	2120	0.94	mg/Kg dry		570			115 *	35	R-02
Selenium	4.75	6.3	mg/Kg dry		4.35			8.72	35	J
Silver	ND	0.63	mg/Kg dry		ND			NC	35	
MRL Check (B170760-MRL1) Prepared: 02/17/17 Analyzed: 02/20/17										
Lead	0.847	0.75	mg/Kg wet	0.753		112	80-120			
Matrix Spike (B170760-MS1) Source: 17B0503-18 Prepared: 02/17/17 Analyzed: 02/20/17										
Arsenic	31.8	3.1	mg/Kg dry	30.8	3.27	92.6	75-125			
Barium	291	3.1	mg/Kg dry	30.8	271	65.4 *	75-125			MS-19
Cadmium	32.5	0.31	mg/Kg dry	30.8	3.21	95.2	75-125			
Chromium	216	0.62	mg/Kg dry	30.8	169	153 *	75-125			MS-19
Lead	1290	0.92	mg/Kg dry	30.8	570	2340 *	75-125			MS-19
Selenium	30.1	6.2	mg/Kg dry	30.8	4.35	83.5	75-125			
Silver	30.1	0.62	mg/Kg dry	30.8	ND	97.6	75-125			
Matrix Spike Dup (B170760-MSD1) Source: 17B0503-18 Prepared: 02/17/17 Analyzed: 02/20/17										
Arsenic	34.2	3.1	mg/Kg dry	31.1	3.27	99.7	75-125	7.42	35	
Barium	318	3.1	mg/Kg dry	31.1	271	152 *	75-125	8.95	35	MS-19
Cadmium	32.6	0.31	mg/Kg dry	31.1	3.21	94.5	75-125	0.0976	35	
Chromium	202	0.62	mg/Kg dry	31.1	169	104	75-125	7.00	35	
Lead	1310	0.93	mg/Kg dry	31.1	570	2400 *	75-125	1.94	35	MS-19
Selenium	29.4	6.2	mg/Kg dry	31.1	4.35	80.6	75-125	2.31	35	
Silver	30.5	0.62	mg/Kg dry	31.1	ND	98.2	75-125	1.46	35	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170762 - SW-846 7471										
Blank (B170762-BLK1) Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	ND	0.025	mg/Kg wet							
LCS (B170762-BS1) Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	10.2	1.9	mg/Kg wet	9.36		109	73.7-126.3			
LCS Dup (B170762-BSD1) Prepared: 02/17/17 Analyzed: 02/20/17										
Mercury	10.7	1.9	mg/Kg wet	9.36		114	73.7-126.3	3.98	30	
Batch B170901 - SW-846 7471										
Blank (B170901-BLK1) Prepared: 02/21/17 Analyzed: 02/22/17										
Mercury	ND	0.025	mg/Kg wet							
LCS (B170901-BS1) Prepared: 02/21/17 Analyzed: 02/22/17										
Mercury	11.8	1.9	mg/Kg wet	9.36		126	73.7-126.3			
LCS Dup (B170901-BSD1) Prepared: 02/21/17 Analyzed: 02/22/17										
Mercury	9.24	1.9	mg/Kg wet	9.36		98.7	73.7-126.3	24.4	30	
Duplicate (B170901-DUP1) Source: 17B0503-26RE1 Prepared: 02/21/17 Analyzed: 02/22/17										
Mercury	0.230	0.030	mg/Kg dry		0.224			2.72	35	
Matrix Spike (B170901-MS1) Source: 17B0503-26RE1 Prepared: 02/21/17 Analyzed: 02/22/17										
Mercury	0.409	0.031	mg/Kg dry	0.207	0.224	89.2	75-125			

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BREAKDOWN REPORT

Lab Sample ID: S013313-PEM1 **Analyzed:** 02/15/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 0.69
Endrin [1] 0.90

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 1.10
Endrin [2] 0.99

BREAKDOWN REPORT

Lab Sample ID: S013313-PEM2 **Analyzed:** 02/15/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 0.88
Endrin [1] 1.05

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 1.45
Endrin [2] 1.47

BREAKDOWN REPORT

Lab Sample ID: S013313-PEM3 **Analyzed:** 02/16/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 2.36
Endrin [1] 1.47

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BREAKDOWN REPORT

Lab Sample ID: S013313-PEM3 **Analyzed:** 02/16/2017

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 3.51
Endrin [2] 1.67

BREAKDOWN REPORT

Lab Sample ID: S013313-PEM4 **Analyzed:** 02/16/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 3.32
Endrin [1] 2.01

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 4.75
Endrin [2] 2.31

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LB-14-Comp 1-0-4

SW-846 8082A

Lab Sample ID: 17B0503-01 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	10	
	2	0.00	0.00	0.00	12	13.3
Aroclor-1260	1	0.00	0.00	0.00	1.4	
	2	0.00	0.00	0.00	1.5	8.3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-15-Comp 1-0-4

Lab Sample ID: 17B0503-02 Date(s) Analyzed 02/15/2017 02/15/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1242	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.0	17.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LB-14-Comp 2-4-10.5

SW-846 8082A

Lab Sample ID: 17B0503-03 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	3.2	
	2	0.00	0.00	0.00	3.8	18.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-15-Comp 2-4-8.5

Lab Sample ID: 17B0503-04 Date(s) Analyzed 02/15/2017 02/15/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1242	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.23	6.7
Aroclor-1254	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.2	4.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-26-Comp 1-0-4

Lab Sample ID: 17B0503-06 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1248	1	0.00	0.00	0.00	0.60	
	2	0.00	0.00	0.00	0.67	11.2
Aroclor-1254	1	0.00	0.00	0.00	2.8	
	2	0.00	0.00	0.00	3.2	11.6
Aroclor-1260	1	0.00	0.00	0.00	0.52	
	2	0.00	0.00	0.00	0.50	4.3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-26-Comp 2-4-7.8

Lab Sample ID: 17B0503-07 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	4.8	
	2	0.00	0.00	0.00	6.0	23.0

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-27-Comp 1-0-4

Lab Sample ID: 17B0503-08 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	6.1	
	2	0.00	0.00	0.00	7.7	23.7

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-27-Comp 2-4-10.3

Lab Sample ID: 17B0503-09 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	6.2	
	2	0.00	0.00	0.00	7.5	18.3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LB-28-Comp 1-0-4

SW-846 8082A

Lab Sample ID: 17B0503-10 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	5.3	
	2	0.00	0.00	0.00	7.5	34.0

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LB-08-Comp 1-0-4

SW-846 8082A

Lab Sample ID: 17B0503-11 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	8.7	
	2	0.00	0.00	0.00	11	23.7

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-08-Comp 2-4-10.2

Lab Sample ID: 17B0503-12 Date(s) Analyzed 02/15/2017 02/15/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.26	5.6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LB-09-Comp 1-0-4

SW-846 8082A

Lab Sample ID: 17B0503-13 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	8.3	
	2	0.00	0.00	0.00	9.5	13.6
Aroclor-1260	1	0.00	0.00	0.00	1.4	
	2	0.00	0.00	0.00	1.7	20.8

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-09-Comp 2-4-10.7

Lab Sample ID: 17B0503-14 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.24	8.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-11-Comp 2-4-9

Lab Sample ID: 17B0503-15 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	8.3	
	2	0.00	0.00	0.00	10	18.3
Aroclor-1260	1	0.00	0.00	0.00	1.9	
	2	0.00	0.00	0.00	2.0	4.6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-11-Comp 1-0-4

Lab Sample ID: 17B0503-16 Date(s) Analyzed 02/16/2017 02/16/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	4.0	
	2	0.00	0.00	0.00	3.8	5.1
Aroclor-1260	1	0.00	0.00	0.00	1.1	
	2	0.00	0.00	0.00	1.0	8.6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-12-Comp 1-0-4

Lab Sample ID: 17B0503-17 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	15	
	2	0.00	0.00	0.00	18	16.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-12-Comp 12-4-9

Lab Sample ID: 17B0503-18 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	1.0	
	2	0.00	0.00	0.00	0.79	24.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LB-13-Comp 1-0-4

SW-846 8082A

Lab Sample ID: 17B0503-19 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	21	
	2	0.00	0.00	0.00	25	16.5

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-13-Comp 3-4-9.8

Lab Sample ID: 17B0503-20 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	3.1	
	2	0.00	0.00	0.00	3.9	22.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-01-Comp 1-0-4

Lab Sample ID: 17B0503-23 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	35	
	2	0.00	0.00	0.00	41	14.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-01-Comp 2-4-9.8

Lab Sample ID: 17B0503-24 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	2.3	
	2	0.00	0.00	0.00	2.6	11.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LB-02-Comp 1-0-4

SW-846 8082A

Lab Sample ID: 17B0503-25 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	21	
	2	0.00	0.00	0.00	24	14.3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-02-Comp 2-4-9.2

Lab Sample ID: 17B0503-26 Date(s) Analyzed 02/16/2017 02/16/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	9.6	
	2	0.00	0.00	0.00	9.1	5.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-03-Comp 1-0-4

Lab Sample ID: 17B0503-27 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	3.6	
	2	0.00	0.00	0.00	4.3	17.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-07-Comp 1-0-4

Lab Sample ID: 17B0503-29 Date(s) Analyzed 02/17/2017 02/17/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	39	
	2	0.00	0.00	0.00	38	2.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-07-Comp 2-4-9.7

Lab Sample ID: 17B0503-30 Date(s) Analyzed 02/17/2017 02/17/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	210	
	2	0.00	0.00	0.00	200	5.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-28-Comp 2-4-11

Lab Sample ID: 17B0503-51 Date(s) Analyzed 02/16/2017 02/16/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	1.3	
	2	0.00	0.00	0.00	1.2	4.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-29-Comp 1-0-4

Lab Sample ID: 17B0503-52 Date(s) Analyzed 02/17/2017 02/17/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	1.3	
	2	0.00	0.00	0.00	1.2	8.8

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-29-Comp 2-4-9.3

Lab Sample ID: 17B0503-53 Date(s) Analyzed 02/17/2017 02/17/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.027	
	2	0.00	0.00	0.00	0.025	8.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-13-Comp 3-10-15

Lab Sample ID: 17B0503-54 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	2.8	
	2	0.00	0.00	0.00	2.9	4.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B170237-BS1 Date(s) Analyzed 02/15/2017 02/15/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	8.44	-0.03	0.03	0.093	3
gamma-BHC (Lindane)	1	5.82	-0.03	0.03	0.097	
	2	5.79	-0.03	0.03	0.086	12
gamma-Chlordane	1	6.88	-0.03	0.03	0.089	
	2	6.86	-0.03	0.03	0.091	2
Heptachlor	1	6.14	-0.03	0.03	0.089	
	2	6.09	-0.03	0.03	0.086	3
Heptachlor Epoxide	1	6.79	-0.03	0.03	0.089	
	2	6.72	-0.03	0.03	0.085	4
Hexachlorobenzene	1	5.50	-0.03	0.03	0.087	
	2	5.48	-0.03	0.03	0.080	9
Methoxychlor	1	8.07	-0.03	0.03	0.094	
	2	8.29	-0.03	0.03	0.11	16

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS Dup

Lab Sample ID: B170237-BSD1 Date(s) Analyzed 02/15/2017 02/15/2017
 Instrument ID (1): ECD2 Instrument ID (2): ECD2
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.49	-0.03	0.03	0.093	
	2	7.54	-0.03	0.03	0.088	5
4,4'-DDE	1	7.03	-0.03	0.03	0.092	
	2	7.09	-0.03	0.03	0.088	5
4,4'-DDT	1	7.70	-0.03	0.03	0.093	
	2	7.78	-0.03	0.03	0.087	7
Alachlor	1	6.45	-0.03	0.03	0.098	
	2	6.24	-0.03	0.03	0.098	0
Aldrin	1	6.36	-0.03	0.03	0.087	
	2	6.31	-0.03	0.03	0.085	2
alpha-BHC	1	5.61	-0.03	0.03	0.086	
	2	5.57	-0.03	0.03	0.085	1
alpha-Chlordane	1	6.98	-0.03	0.03	0.087	
	2	6.96	-0.03	0.03	0.086	1
beta-BHC	1	5.88	-0.03	0.03	0.085	
	2	5.85	-0.03	0.03	0.085	0
delta-BHC	1	6.00	-0.03	0.03	0.085	
	2	6.05	-0.03	0.03	0.085	0
Dieldrin	1	7.26	-0.03	0.03	0.086	
	2	7.21	-0.03	0.03	0.081	6
Endosulfan I	1	7.08	-0.03	0.03	0.078	
	2	7.01	-0.03	0.03	0.078	0
Endosulfan II	1	7.61	-0.03	0.03	0.082	
	2	7.61	-0.03	0.03	0.081	2
Endosulfan Sulfate	1	8.25	-0.03	0.03	0.095	
	2	8.08	-0.03	0.03	0.085	11
Endrin	1	7.44	-0.03	0.03	0.088	
	2	7.45	-0.03	0.03	0.086	2
Endrin Aldehyde	1	7.94	-0.03	0.03	0.085	
	2	7.88	-0.03	0.03	0.082	3
Endrin Ketone	1	8.43	-0.03	0.03	0.092	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike Dup

SW-846 8082A

Lab Sample ID: B170375-MSD1 Date(s) Analyzed 02/18/2017 02/18/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.39	49
Aroclor-1260	1	0.00	0.00	0.00	0.49	
	2	0.00	0.00	0.00	0.38	25

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
DL-03	Elevated reporting limit due to matrix.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
PR-08	pH of sample (pH 5) is outside of method specified preservation criteria.
PR-15	According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-12	Elevated reporting limit due to matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-03	Surrogate recovery outside of control limits due to suspected sample matrix interference.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
S-19	Surrogate recovery is outside of control limits, matrix interference suspected. Reanalysis yielded similar surrogate non-conformance.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-17	Internal standard area <50% of associated calibration standard internal standard area. Reanalysis yielded similar internal standard non-conformance.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 6010C-D in Soil</i>	
Aluminum	CT,NH,NY,ME,VA,NC
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Calcium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Cobalt	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Iron	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Magnesium	CT,NH,NY,ME,VA,NC
Manganese	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Potassium	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Sodium	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
<i>SW-846 7471B in Soil</i>	
Mercury	CT,NH,NY,NC,ME,VA
<i>SW-846 8081B in Soil</i>	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8081B in Soil</i>	
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
<i>SW-846 8081B in Water</i>	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME,VA
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,VA
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,VA
Bromoform	CT,NY,ME,NH,VA
Bromomethane	CT,NY,ME,NH,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,ME,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA
Carbon Disulfide	CT,NY,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
Carbon Tetrachloride	CT,NY,ME,NH,VA
Chlorobenzene	CT,NY,ME,NH,VA
Chlorodibromomethane	CT,NY,ME,NH,VA
Chloroethane	CT,NY,ME,NH,VA
Chloroform	CT,NY,ME,NH,VA
Chloromethane	CT,NY,ME,NH,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA
1,1-Dichloroethane	CT,NY,ME,NH,VA
1,2-Dichloroethane	CT,NY,ME,NH,VA
1,1-Dichloroethylene	CT,NY,ME,NH,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA
1,2-Dichloropropane	CT,NY,ME,NH,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methylene Chloride	CT,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA
Tetrachloroethylene	CT,NY,ME,NH,VA
Toluene	CT,NY,ME,NH,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,VA
Trichloroethylene	CT,NY,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,VA
m+p Xylene	CT,NY,ME,NH,VA
o-Xylene	CT,NY,ME,NH,VA
<i>SW-846 8270D in Soil</i>	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzidine	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Benzoic Acid	NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
SW-846 9014 in Soil	
Cyanide	NY,CT,NC,ME,NH,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017



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CHAIN OF CUSTODY RECORD

39 Spruce Street
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Page 2 of 6

17B05303
 Rev 04.05.12

Company Name: _____ Telephone: _____
 Address: _____
 Attention: SAXME Project # _____
 Project Location: SAXME Client PO# _____
 Sampled By: _____
 Project Proposal Provided? (for billing purposes) _____
 Proposal date: _____

DATA DELIVERY (check all that apply)
 FAX EMAIL WEBSITE
 Fax # _____ Email: _____
 Format: XLS EXCEL OGIS
 OTHER _____
 "Enhanced Data Package"

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Code	Data	Analysis Requested	# of Containers	** Preservation	*** Container Code
		Beginning Date/Time	Ending Date/Time								
11	LB-08-Comp1-0-4	2/10/17	0910	X		S	A	VOCs			
12	LB-08-Comp2-4-10.2	2/10/17	0920	X		S	A	VOCs			
13	LB-09-Comp1-0-4	2/9/17	1540	X		S	A	PCBS			
14	LB-09-Comp2-4-10.7	2/9/17	1550	X		S	A	PCBS			
15	LB-11-Comp2-4-9	2/9/17	1115	X		S	A	PCBS			
16	LB-11-Comp1-0-4	2/9/17	1110	X		S	A	PCBS			
17	LB-12-Comp1-0-4	2/9/17	1035	X		S	A	PCBS			
18	LB-12-Comp2-4-9	2/9/17	1045	X		S	A	PCBS			
19	LB-13-Comp1-0-4	2/9/17	1005	X		S	A	PCBS			
20	LB-13-Comp2-4-9.8	2/9/17	1015	X		S	A	PCBS			

Comments: NYSDEC ASP-B Deliverables

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) _____ Date/Time: 2/10/17 530
 Received by: (signature) _____ Date/Time: 2/9/17 1143
 Inquished by: (signature) _____ Date/Time: _____
 Received by: (signature) _____ Date/Time: _____

Turnaround [†]
 7-Day
 10-Day
 Other _____
 RUSH [†]
 124-Hr 148-Hr
 172-Hr 14-Day
[†] Require lab approval

Detection Limit Requirements
 Massachusetts: _____
 Connecticut: _____
 Other: _____

Is your project MCP or RCP?
 MCP Form Required
 RCP Form Required
 MA State DW Form Required PWSID # _____

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CHAIN OF CUSTODY RECORD

39 Spruce Street
 East longmeadow, MA 01028

Company Name: SA M A F E
 Address: SA M A F E
 Attention: SA M A F E
 Project Location: SA M A F E
 Sampled By: SA M A F E

Project Proposal Provided? (for billing purposes)
 yes no proposal date
 DATA DELIVERY (check all that apply)
 FAX EMAIL WEBSITE
 Format: EXCEL GIS OTHER

Con-Test Lab ID (Laboratory use only)	Client Sample ID / Description	Collection		Composite	Grab	Matrix Code	Enhanced Data Package
		Beginning Date/Time	Ending Date/Time				
21	LB-27-5.5-6	2/9/17	1435		X	S	A
22	LB-28-10.5-11	2/9/17	1500		X	S	A
23	LB-01-Comp1-0-4	2/9/17	1240	X		S	A
24	LB-01-Comp2-4-9.8	2/9/17	1245	X		S	A
25	LB-02-Comp1-0-4	2/9/17	1300	X		S	A
26	LB-02-Comp2-4-9.2	2/9/17	1310	X		S	A
27	LB-03-Comp1-0-4	2/10/17	0930	X		S	A
28	LB-03-Comp2-4-9.9	2/10/17	0930	X		S	A
29	LB-07-Comp1-0-4	2/9/17	1330	X		S	A
30	LB-07-Comp2-4-9.7	2/9/17	1340	X		S	A

Comments: NYSDEC ASP-B-Deliverables

Relinquished by: (signature) [Signature] Date/Time: 2/10/17 5:30
 Received by: (signature) [Signature] Date/Time: 2/9/17 3:40
 Inquired by: (signature) [Signature] Date/Time: 2/11/17 11:43
 Received by: (signature) _____ Date/Time: _____

Turnaround [†]
 7-Day
 10-Day
 Other
 RUSH [†]
 24-Hr 48-Hr
 72-Hr 14-Day
[†] Require lab approval

Detection Limit Requirements
 Massachusetts: _____
 Connecticut: _____
 Other: _____

# of Containers	** Preservation	** Container Code	Dissolved Metals	*** Cont. Code:	** Preservation	* Matrix Code:
			<input type="radio"/> Field Filtered <input type="radio"/> Lab to Filter	A=amber glass G=glass P=plastic ST=sterile V=vial S=summa can T=tecliar bag O=Other	I = Iced H = HCL M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium bisulfate X = Na hydroxide T = Na thiosulfate O = Other	GW= groundwater WW= wastewater DW= drinking water A = air S = soil/solid SL = sludge O = other
			ANALYSIS REQUESTED			
			VOCs			
			PCBs			
			RCRMetals			
			Pesticides			
			TAMetals + CN			

Is your project MCP or RCP ?
 MCP Form Required
 RCP Form Required
 MA State DW Form Required PWSID # _____

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URNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT.



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Page 4 of 6

Company Name: SAME

Telephone: SAME

Address: SAME

Project # SAME

Attention: SAME

Client PO#

Project Location: SAME

DATA DELIVERY (check all that apply)

FAX EMAIL WEBSITE

Sampled By: SAME

Project Proposal Provided? (for billing purposes) yes no

Proposal date

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Code	Cons Data
		Beginning Date/Time	Ending Date/Time				
31	LB-13-3-3-S	2/9/17	1005	X	S	A	X
32	LB-13-5-5-S	2/9/17	1015	X	S	A	X
33	LB-14-3-S-4	2/9/17	0930	X	S	A	X
34	LB-14-5-S-5	2/9/17	0940	X	S	A	X
35	LB-14-10-10-S	2/9/17	0750	X	S	A	X
36	LB-15-3-S-4	2/9/17	0700	X	S	A	X
37	LB-15-5-S-5	2/9/17	0915	X	S	A	X
38	LB-18-0-2	2/10/17	1115	X	S	A	X
39	LB-26-1.3-1.8	2/9/17	1405	X	S	A	X
40	LB-26-4.5-5	2/9/17	1410	X	S	A	X

Comments: NYSDEC ASP-B Deliverables

Relinquished by: (signature)	Date/Time: <u>2/9/17</u>	Turnaround [†]	7-Day <input checked="" type="checkbox"/> 10-Day <input type="checkbox"/> Other <input type="checkbox"/>
Received by: (signature)	Date/Time: <u>2/9/17</u>	RUSH [†]	<input type="checkbox"/> 24-Hr <input type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 14-Day
Relinquished by: (signature)	Date/Time: <u>2/11/17</u>	Require lab approval	
Received by: (signature)	Date/Time: <u>2/11/17</u>		

Detection Limit Requirements	Massachusetts:	Connecticut:	Other:

Is your project MCP or RCP?
 MCP Form Required
 RCP Form Required
 MA State DW Form Required PWSID # NELAC & AIHA-LAP, LLC Accredited

# of Containers	** Preservation	*** Container Code	ANALYSIS REQUESTED
1			

Dissolved Metals
 Field Filtered
 Lab to Filter

***Cont. Code:
 A=amber glass
 G=glass
 P=plastic
 ST=sterile
 V=vial
 S=summa can
 T=tetlar bag
 O=Other

**preservation
 I = Iced
 H = HCL
 M = Methanol
 N = Nitric Acid
 S = Sulfuric Acid
 B = Sodium bisulfate
 X = Na hydroxide
 T = Na thiosulfate
 O = Other

*Matrix Code:
 GW=groundwater
 WW=wastewater
 DW=drinking water
 A=air
 S=soil/solid
 Sl=sludge
 O=other

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT





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CHAIN OF CUSTODY RECORD

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Page 5 of 6

Company Name: SAME

Telephone: SAME

Address: SAME

Project #

Attention: SAME

Client PO#

Project Location: SAME

DATA DELIVERY (check all that apply)
 FAX EMAIL WEBSITE

Sampled By: SAME

Format: PDF EXCEL GIS OTHER

Project Proposal Provided? (for billing purposes)
 yes proposal date

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Code	Date
		Beginning Date/Time	Ending Date/Time				
41	LB-02-8-8.5	2/9/17	1310	X	S	A	X
42	LB-07-1-1.5	2/9/17	1330	X	S	A	X
43	LB-07-4.5-5	2/9/17	1335	X	S	A	X
44	LB-07-8-8.5	2/9/17	1340	X	S	A	X
45	LB-08-9-10	2/10/17	0920	X	S	A	X
46	LB-09-3-3.5	2/9/17	1540	X	S	A	X
47	LB-09-4.5-5	2/9/17	1545	X	S	A	X
48	LB-12-1-1.5	2/9/17	1035	X	S	A	X
49	LB-12-1.5-2	2/9/17	1040	X	S	A	X
50	LB-12-4-4.5	2/9/17	1045	X	S	A	X

Comments: NYS DEC ASP-B Relinquished

Relinquished by: (signature) <u>[Signature]</u>	Date/Time: <u>2/10/17 5:30</u>
Received by: (signature) <u>[Signature]</u>	Date/Time: <u>2/9/17 3:4</u>
Inquished by: (signature) <u>[Signature]</u>	Date/Time: <u>2/11/17 11:43</u>
ceived by: (signature) <u>[Signature]</u>	Date/Time: <u>[Blank]</u>

Turnaround ^{††}	Detection Limit Requirements
<input checked="" type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input type="checkbox"/> Other	Massachusetts: Connecticut: Other:
<input type="checkbox"/> RUSH ¹ <input type="checkbox"/> 24-Hr <input type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day	
<input type="checkbox"/> Require lab approval	

Is your project MCP or RCP?
 MCP Form Required
 RCP Form Required
 MA State DW Form Required PWSID # _____



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TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



IMPORTANT!

The winter storm is causing unavoidable service delays in the Northeast region of the U.S. Learn More

FedEx® Tracking

778404656469

Ship date: Fri 2/10/2017	Delivered	Actual delivery: Sat 2/11/2017 11:43 am
Buffalo, NY US	<i>Signed for by: R.FAUST</i>	EAST LONGMEADOW, MA US

2 Piece shipment

Travel History

Date/Time	Activity	Location
- 2/11/2017 - Saturday		
11:43 am	Delivered	EAST LONGMEADOW, MA
8:30 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:51 am	At local FedEx facility	WINDSOR LOCKS, CT
6:41 am	At destination sort facility	EAST GRANBY, CT
3:32 am	Departed FedEx location	MEMPHIS, TN
- 2/10/2017 - Friday		
11:46 pm	Arrived at FedEx location	MEMPHIS, TN
6:06 pm	Picked up	CHEEKTOWAGA, NY
2:45 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking number	778404656469	Service	FedEx Priority Overnight
Master tracking number	778404656469	Weight	1 lbs / 0.45 kgs
Dimensions	21x15x15 in.	Delivered To	Shipping/Receiving
Total pieces	2	Total shipment weight	2 lbs / 0.91 kgs
Terms	Shipper	Shipper reference	SCA Wildcat IAQ samples
Packaging	Your Packaging	Special handling section	For Saturday Delivery
Standard transit	2/11/2017 by 12:00 pm		



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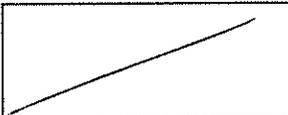
Sample Receipt Checklist

CLIENT NAME: Liro Engineers RECEIVED BY: RLF DATE: 2/11/17

- 1) Was the chain(s) of custody relinquished and signed? Yes No No COC Incl.
- 2) Does the chain agree with the samples? Yes No
 If not, explain:
- 3) Are all the samples in good condition? Yes No
 If not, explain:

4) How were the samples received:
 On Ice Direct from Sampling Ambient In Cooler(s) (2 coolers)
 Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A
 Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.9/3.4 #2

- 5) Are there Dissolved samples for the lab to filter? Yes No
 Who was notified _____ Date _____ Time _____
- 6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
 Who was notified _____ Date _____ Time _____

7) Location where samples are stored:  Permission to subcontract samples? Yes No
 (Walk-in clients only) if not already approved
 Client Signature: _____

- 8) Do all samples have the proper Acid pH: Yes No N/A
- 9) Do all samples have the proper Base pH: Yes No N/A
- 10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		16 oz amber	
500 mL Amber		8 oz amber /clear jar	<u>41</u>
250 mL Amber (8oz amber)		4 oz amber /clear jar	<u>24</u>
1 Liter Plastic		2 oz amber/clear jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		SOC Kit	
40 mL Vial - type listed below	<u>4</u>	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

40 mL vials: # HCl _____ # Methanol _____ Time and Date Frozen: _____
 # Bisulfate _____ # DI Water _____
 # Thiosulfate _____ Unpreserved 4

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False)	Comment
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials:

Date/Time:

Date/Time:

RLF 9/11/17 1143

February 24, 2017

Jon Williams
LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209-2202

Project Location: 683 Northland
Client Job Number:
Project Number: 15-029-1054
Laboratory Work Order Number: 17B0591

Enclosed are results of analyses for samples received by the laboratory on February 14, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right from the end of the signature.

Aaron L. Benoit
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, NY 14209-2202
 ATTN: Jon Williams

REPORT DATE: 2/24/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 15-029-1054

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0591

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LB-16-Comp1-0-2'	17B0591-01	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LB-17-Comp1-1-3'	17B0591-02	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LB-19-Comp1-0-5.4'	17B0591-03	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LB-20-Comp1-0-4'	17B0591-04	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LB-24-Comp1-1-3'	17B0591-05	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	

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LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, NY 14209-2202
 ATTN: Jon Williams

REPORT DATE: 2/24/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 15-029-1054

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0591

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LB-19-Comp2-5.4-7'	17B0591-06	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LB-21-Comp1-0-4'	17B0591-07	Soil		SM 2540G SW-846 1311 SW-846 1312 SW-846 6010C-D SW-846 7470A SW-846 7471B	
LB22-VOC1-4-6'	17B0591-08	Soil		SM 2540G SW-846 8260C	
LB-22-Comp1-0-4'	17B0591-09	Soil		SM 2540G SW-846 1311 SW-846 1312 SW-846 6010C-D SW-846 7470A SW-846 7471B	
LB-23-Comp1-0-4'	17B0591-10	Soil		SM 2540G SW-846 1311 SW-846 1312 SW-846 6010C-D SW-846 7470A SW-846 7471B	
Trip Blank	17B0591-11	Trip Blank Water		SW-846 8260C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332
SW-846 6010C-D

Qualifications:**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Beryllium**

B170898-BS1, B170898-BSD1

MS-11

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**Potassium**

B170898-MS1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:**Aluminum**

B170898-MS1

Lead

17B0591-07[LB-21-Comp1-0-4'], B170898-MS1

Magnesium

B170898-MS1

Manganese

B170898-MS1

R-02

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:**Antimony**

B170898-DUP1

SW-846 8081B

Qualifications:**P-02**

Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.

Analyte & Samples(s) Qualified:**4,4'-DDE**

17B0591-02[LB-17-Comp1-1-3'], 17B0591-05[LB-24-Comp1-1-3']

4,4'-DDT

17B0591-05[LB-24-Comp1-1-3']

Dieldrin

17B0591-01[LB-16-Comp1-0-2'], 17B0591-05[LB-24-Comp1-1-3']

SW-846 8260C

Qualifications:**L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

B170743-BS1, B170743-BSD1

Bromochloromethane

B170605-BS1, B170605-BSD1

Methyl Acetate

B170605-BS1, B170605-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Carbon Disulfide**

B170743-BS1

trans-1,2-Dichloroethylene

B170605-BSD1

PR-03

Sample preserved in the laboratory, not in the field as required by the method.

Analyte & Samples(s) Qualified:

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], 17B0591-06[LB-19-Comp2-5.4-7'], 17B0591-08[LB22-VOC1-4-6']

PR-15

According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.

Analyte & Samples(s) Qualified:

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], 17B0591-06[LB-19-Comp2-5.4-7'], 17B0591-08[LB22-VOC1-4-6']

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**Bromomethane**

17B0591-11[Trip Blank], B170743-BLK1, B170743-BS1, B170743-BSD1

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Methyl tert-Butyl Ether (MTBE)**

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], 17B0591-06[LB-19-Comp2-5.4-7'], 17B0591-08[LB22-VOC1-4-6'], B170605-BLK1, B170605-BS1, B170605-BSD1

tert-Butyl Alcohol (TBA)

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], 17B0591-06[LB-19-Comp2-5.4-7'], 17B0591-08[LB22-VOC1-4-6'], 17B0591-11[Trip Blank], B170605-BLK1, B170605-BS1, B170605-BSD1, B170743-BLK1, B170743-BS1, B170743-BSD1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

B170743-BS1, B170743-BSD1

1,3,5-Trichlorobenzene

B170743-BS1, B170743-BSD1

2-Hexanone (MBK)

B170605-BS1, B170605-BSD1

Acetone

B170605-BS1, B170605-BSD1

Bromochloromethane

B170605-BS1, B170605-BSD1

Chloromethane

B170605-BS1, B170605-BSD1

Methyl Acetate

B170605-BS1, B170605-BSD1

Naphthalene

B170743-BS1, B170743-BSD1

SW-846 8270D

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Benzidine**

B170578-BS1

V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

Analyte & Samples(s) Qualified:**Benzidine**

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], 17B0591-06[LB-19-Comp2-5.4-7'], B170578-BLK1, B170578-BS1, B170578-BSD1

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**

17B0591-06[LB-19-Comp2-5.4-7']

4,6-Dinitro-2-methylphenol

17B0591-06[LB-19-Comp2-5.4-7']

Aniline

17B0591-06[LB-19-Comp2-5.4-7']

Benzidine

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], 17B0591-06[LB-19-Comp2-5.4-7'], B170578-BLK1, B170578-BS1, B170578-BSD1

Benzo(g,h,i)perylene

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], B170578-BLK1, B170578-BS1, B170578-BSD1

Benzo(k)fluoranthene

17B0591-06[LB-19-Comp2-5.4-7']

Dibenz(a,h)anthracene

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], B170578-BLK1, B170578-BS1, B170578-BSD1

Hexachlorobenzene

17B0591-06[LB-19-Comp2-5.4-7']

Indeno(1,2,3-cd)pyrene

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], B170578-BLK1, B170578-BS1, B170578-BSD1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**Pentachloronitrobenzene**

17B0591-01[LB-16-Comp1-0-2'], 17B0591-02[LB-17-Comp1-1-3'], 17B0591-03[LB-19-Comp1-0-5.4'], 17B0591-04[LB-20-Comp1-0-4'], 17B0591-05[LB-24-Comp1-1-3'], 17B0591-06[LB-19-Comp2-5.4-7'], B170578-BLK1, B170578-BS1, B170578-BSD1

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-16-Comp1-0-2'

Sampled: 2/13/2017 09:45

Sample ID: 17B0591-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Acrylonitrile	ND	0.0077	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Benzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Bromobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Bromoform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
2-Butanone (MEK)	ND	0.051	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
tert-Butyl Alcohol (TBA)	ND	0.051	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 9:14	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
sec-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
tert-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Carbon Disulfide	ND	0.0077	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Chlorodibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Chloroform	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2-Dibromoethane (EDB)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Dibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,1-Dichloroethylene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
cis-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Diethyl Ether	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-16-Comp1-0-2'

Sampled: 2/13/2017 09:45

Sample ID: 17B0591-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Ethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
2-Hexanone (MBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Isopropylbenzene (Cumene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Methyl Acetate	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Methyl Cyclohexane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Naphthalene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
n-Propylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Styrene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Tetrachloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Toluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,1,2-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Trichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,2,4-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
1,3,5-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
m+p Xylene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
o-Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:14	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		96.1	70-130					2/16/17 9:14	
Toluene-d8		103	70-130					2/16/17 9:14	
4-Bromofluorobenzene		96.6	70-130					2/16/17 9:14	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-16-Comp1-0-2'

Sampled: 2/13/2017 09:45

Sample ID: 17B0591-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Acetophenone	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Aniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Benzidine	ND	0.85	mg/Kg dry	1	V-04, V-05	SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Benzo(a)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Benzo(a)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Benzo(b)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Benzo(g,h,i)perylene	ND	0.22	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Benzo(k)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Bis(2-chloroethoxy)methane	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Bis(2-chloroethyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Bis(2-chloroisopropyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
4-Bromophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Butylbenzylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
4-Chloroaniline	ND	0.85	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
4-Chloro-3-methylphenol	ND	0.85	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2-Chloronaphthalene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2-Chlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
4-Chlorophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Chrysene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Dibenzofuran	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Di-n-butylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
1,2-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
1,3-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
1,4-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2,4-Dichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Diethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2,4-Dimethylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Dimethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
4,6-Dinitro-2-methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2,4-Dinitrophenol	ND	0.85	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2,4-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2,6-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Di-n-octylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-16-Comp1-0-2'

Sampled: 2/13/2017 09:45

Sample ID: 17B0591-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Hexachlorobutadiene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Hexachlorocyclopentadiene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Hexachloroethane	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Indeno(1,2,3-cd)pyrene	ND	0.22	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Isophorone	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
1-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
3/4-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
3-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
4-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Nitrobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2-Nitrophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
4-Nitrophenol	ND	0.85	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
N-Nitrosodimethylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
N-Nitrosodiphenylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
N-Nitrosodi-n-propylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Pentachloronitrobenzene	ND	0.44	mg/Kg dry	1	V-16	SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Pentachlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Phenanthrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Phenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
Pyridine	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
1,2,4-Trichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2,4,5-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL
2,4,6-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:18	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	56.0	30-130	2/17/17 19:18
Phenol-d6	56.7	30-130	2/17/17 19:18
Nitrobenzene-d5	55.2	30-130	2/17/17 19:18
2-Fluorobiphenyl	66.2	30-130	2/17/17 19:18
2,4,6-Tribromophenol	65.0	30-130	2/17/17 19:18
p-Terphenyl-d14	71.5	30-130	2/17/17 19:18

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-16-Comp1-0-2'

Sampled: 2/13/2017 09:45

Sample ID: 17B0591-01

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.026	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Aldrin [1]	ND	0.0026	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
alpha-BHC [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
beta-BHC [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
delta-BHC [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
gamma-BHC (Lindane) [1]	ND	0.0026	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Chlordane [1]	ND	0.026	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
4,4'-DDD [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
4,4'-DDE [2]	0.013	0.0013	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
4,4'-DDT [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Dieldrin [1]	0.019	0.0026	mg/Kg dry	1	P-02	SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Endosulfan I [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Endosulfan II [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Endosulfan sulfate [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Endrin [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Endrin aldehyde [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Endrin ketone [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Heptachlor [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Heptachlor epoxide [1]	ND	0.0064	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Hexachlorobenzene [1]	ND	0.0077	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Methoxychlor [1]	ND	0.064	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Toxaphene [1]	ND	0.13	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:05	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		70.8	30-150					2/22/17 15:05	
Decachlorobiphenyl [2]		68.7	30-150					2/22/17 15:05	
Tetrachloro-m-xylene [1]		73.5	30-150					2/22/17 15:05	
Tetrachloro-m-xylene [2]		68.6	30-150					2/22/17 15:05	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-16-Comp1-0-2'

Sampled: 2/13/2017 09:45

Sample ID: 17B0591-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Aroclor-1254 [2]	1.0	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Aroclor-1260 [2]	0.24	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:31	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		86.2	30-150					2/20/17 11:31	
Decachlorobiphenyl [2]		84.3	30-150					2/20/17 11:31	
Tetrachloro-m-xylene [1]		89.2	30-150					2/20/17 11:31	
Tetrachloro-m-xylene [2]		90.7	30-150					2/20/17 11:31	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-16-Comp1-0-2'

Sampled: 2/13/2017 09:45

Sample ID: 17B0591-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	13000	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Antimony	5.9	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Arsenic	6.0	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Barium	78	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Beryllium	0.91	0.31		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Cadmium	ND	0.31		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Calcium	82000	47		mg/Kg dry	5		SW-846 6010C-D	2/21/17	2/23/17 10:58	QNW
Chromium	17	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Cobalt	8.1	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Copper	16	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Iron	23000	16		mg/Kg dry	5		SW-846 6010C-D	2/21/17	2/23/17 10:58	QNW
Lead	16	0.94		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Magnesium	20000	47		mg/Kg dry	5		SW-846 6010C-D	2/21/17	2/23/17 10:58	QNW
Manganese	520	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Mercury	ND	0.032		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:02	TJK
Nickel	17	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Potassium	1400	120		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Selenium	4.7	6.2	1.4	mg/Kg dry	1	J	SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Silver	ND	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Sodium	330	120		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Thallium	ND	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Vanadium	21	1.2		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW
Zinc	61	1.2		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:34	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-16-Comp1-0-2'

Sampled: 2/13/2017 09:45

Sample ID: 17B0591-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	1.0	0.59	mg/Kg dry	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM
% Solids	77.9		% Wt	1		SM 2540G	2/16/17	2/17/17 8:11	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-17-Comp1-1-3'

Sampled: 2/13/2017 14:45

Sample ID: 17B0591-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Acrylonitrile	ND	0.0066	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
2-Butanone (MEK)	ND	0.044	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
tert-Butyl Alcohol (TBA)	ND	0.044	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 9:41	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Carbon Disulfide	ND	0.0066	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Chlorodibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Chloroform	ND	0.0044	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0044	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2-Dibromoethane (EDB)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,1-Dichloroethylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-17-Comp1-1-3'

Sampled: 2/13/2017 14:45

Sample ID: 17B0591-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Methyl Acetate	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Methyl Cyclohexane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Naphthalene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
m+p Xylene	ND	0.0044	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 9:41	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		99.4	70-130					2/16/17 9:41	
Toluene-d8		102	70-130					2/16/17 9:41	
4-Bromofluorobenzene		97.6	70-130					2/16/17 9:41	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-17-Comp1-1-3'

Sampled: 2/13/2017 14:45

Sample ID: 17B0591-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Acetophenone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Aniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Benzidine	ND	0.83	mg/Kg dry	1	V-04, V-05	SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Benzo(a)anthracene	0.35	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Benzo(a)pyrene	0.24	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Benzo(b)fluoranthene	0.33	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
4-Chloroaniline	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
4-Chloro-3-methylphenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Chrysene	0.40	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
1,2-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
1,3-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
1,4-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2,4-Dinitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Fluoranthene	0.59	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-17-Comp1-1-3'

Sampled: 2/13/2017 14:45

Sample ID: 17B0591-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
4-Nitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
N-Nitrosodimethylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Phenanthrene	0.67	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Pyrene	0.68	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 19:39	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	45.7	30-130	2/17/17 19:39
Phenol-d6	48.1	30-130	2/17/17 19:39
Nitrobenzene-d5	46.0	30-130	2/17/17 19:39
2-Fluorobiphenyl	55.6	30-130	2/17/17 19:39
2,4,6-Tribromophenol	51.0	30-130	2/17/17 19:39
p-Terphenyl-d14	55.7	30-130	2/17/17 19:39

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-17-Comp1-1-3'

Sampled: 2/13/2017 14:45

Sample ID: 17B0591-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Aldrin [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
alpha-BHC [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
beta-BHC [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
delta-BHC [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
gamma-BHC (Lindane) [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Chlordane [1]	0.050	0.025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
4,4'-DDD [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
4,4'-DDE [1]	0.0072	0.0013	mg/Kg dry	1	P-02	SW-846 8081B	2/16/17	2/22/17 15:32	JMB
4,4'-DDT [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Dieldrin [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Endosulfan I [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Endosulfan II [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Endosulfan sulfate [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Endrin [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Endrin aldehyde [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Endrin ketone [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Heptachlor [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Heptachlor epoxide [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Hexachlorobenzene [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Methoxychlor [1]	ND	0.063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Toxaphene [1]	ND	0.13	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:32	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		74.7	30-150					2/22/17 15:32	
Decachlorobiphenyl [2]		76.5	30-150					2/22/17 15:32	
Tetrachloro-m-xylene [1]		78.7	30-150					2/22/17 15:32	
Tetrachloro-m-xylene [2]		65.3	30-150					2/22/17 15:32	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-17-Comp1-1-3'

Sampled: 2/13/2017 14:45

Sample ID: 17B0591-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Aroclor-1254 [2]	0.41	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 11:49	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		84.5	30-150					2/20/17 11:49	
Decachlorobiphenyl [2]		90.2	30-150					2/20/17 11:49	
Tetrachloro-m-xylene [1]		88.2	30-150					2/20/17 11:49	
Tetrachloro-m-xylene [2]		90.1	30-150					2/20/17 11:49	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-17-Comp1-1-3'

Sampled: 2/13/2017 14:45

Sample ID: 17B0591-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	12000	2.9		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Antimony	5.8	2.9		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Arsenic	7.7	2.9		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Barium	95	2.9		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Beryllium	0.86	0.29		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Cadmium	ND	0.29		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Calcium	19000	8.8		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Chromium	17	0.59		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Cobalt	19	2.9		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Copper	20	0.59		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Iron	33000	29		mg/Kg dry	10		SW-846 6010C-D	2/21/17	2/23/17 12:31	QNW
Lead	83	0.88		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Magnesium	6700	44		mg/Kg dry	5		SW-846 6010C-D	2/21/17	2/23/17 11:02	QNW
Manganese	600	0.59		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Mercury	0.037	0.031		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:03	TJK
Nickel	18	0.59		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Potassium	1300	120		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Selenium	ND	5.9	1.3	mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Silver	ND	0.59		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Sodium	260	120		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Thallium	ND	2.9		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Vanadium	24	1.2		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW
Zinc	61	1.2		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:39	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-17-Comp1-1-3'

Sampled: 2/13/2017 14:45

Sample ID: 17B0591-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.57	mg/Kg dry	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM
% Solids	79.5		% Wt	1		SM 2540G	2/16/17	2/17/17 8:11	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp1-0-5.4'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Acrylonitrile	ND	0.0072	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
tert-Butyl Alcohol (TBA)	ND	0.048	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 10:08	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Carbon Disulfide	ND	0.0072	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Chlorodibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2-Dibromoethane (EDB)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,1-Dichloroethane	0.0046	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp1-0-5.4'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Methyl Acetate	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Methyl Cyclohexane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,1,1-Trichloroethane	0.0027	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:08	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					2/16/17 10:08	
Toluene-d8		103	70-130					2/16/17 10:08	
4-Bromofluorobenzene		98.2	70-130					2/16/17 10:08	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp1-0-5.4'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.33	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Aniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Anthracene	0.64	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Benzidine	ND	0.82	mg/Kg dry	1	V-04, V-05	SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Benzo(a)anthracene	2.3	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Benzo(a)pyrene	1.6	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Benzo(b)fluoranthene	1.9	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Benzo(g,h,i)perylene	0.94	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Benzo(k)fluoranthene	0.76	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Carbazole	0.22	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
4-Chloroaniline	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
4-Chloro-3-methylphenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Chrysene	2.5	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Dibenz(a,h)anthracene	0.26	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2,4-Dinitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Fluoranthene	4.2	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Fluorene	0.29	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp1-0-5.4'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Indeno(1,2,3-cd)pyrene	0.94	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
4-Nitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Phenanthrene	3.8	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Pyrene	4.9	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:01	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		50.6	30-130					2/17/17 20:01	
Phenol-d6		52.4	30-130					2/17/17 20:01	
Nitrobenzene-d5		51.1	30-130					2/17/17 20:01	
2-Fluorobiphenyl		63.5	30-130					2/17/17 20:01	
2,4,6-Tribromophenol		56.8	30-130					2/17/17 20:01	
p-Terphenyl-d14		59.8	30-130					2/17/17 20:01	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp1-0-5.4'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-03

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Aldrin [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
alpha-BHC [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
beta-BHC [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
delta-BHC [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
gamma-BHC (Lindane) [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Chlordane [1]	ND	0.025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
4,4'-DDD [1]	ND	0.0012	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
4,4'-DDE [1]	ND	0.0012	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
4,4'-DDT [1]	ND	0.0012	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Dieldrin [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Endosulfan I [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Endosulfan II [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Endosulfan sulfate [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Endrin [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Endrin aldehyde [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 15:59	JMB
Endrin ketone [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Heptachlor [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Heptachlor epoxide [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Hexachlorobenzene [1]	ND	0.0075	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Methoxychlor [1]	ND	0.062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Toxaphene [1]	ND	0.12	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:10	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		77.0	30-150					2/22/17 23:10	
Decachlorobiphenyl [2]		82.5	30-150					2/22/17 23:10	
Tetrachloro-m-xylene [1]		75.6	30-150					2/22/17 23:10	
Tetrachloro-m-xylene [2]		67.1	30-150					2/22/17 23:10	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp1-0-5.4'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Aroclor-1254 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Aroclor-1260 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:06	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		65.4	30-150					2/20/17 12:06	
Decachlorobiphenyl [2]		82.5	30-150					2/20/17 12:06	
Tetrachloro-m-xylene [1]		64.8	30-150					2/20/17 12:06	
Tetrachloro-m-xylene [2]		70.1	30-150					2/20/17 12:06	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp1-0-5.4'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	14000	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Antimony	31	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Arsenic	14	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Barium	110	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Beryllium	1.2	0.31		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Cadmium	ND	0.31		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Calcium	20000	9.4		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Chromium	18	0.63		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Cobalt	14	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Copper	50	0.63		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Iron	50000	31		mg/Kg dry	10		SW-846 6010C-D	2/21/17	2/23/17 11:13	QNW
Lead	240	0.94		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Magnesium	7900	94		mg/Kg dry	10		SW-846 6010C-D	2/21/17	2/23/17 11:13	QNW
Manganese	820	0.63		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Mercury	0.062	0.030		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:05	TJK
Nickel	18	0.63		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Potassium	1100	130		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Selenium	ND	6.3	1.4	mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Silver	ND	0.63		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Sodium	270	130		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Thallium	ND	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Vanadium	23	1.3		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW
Zinc	100	1.3		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:04	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp1-0-5.4'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.57	mg/Kg dry	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM
% Solids	80.4		% Wt	1		SM 2540G	2/16/17	2/17/17 8:11	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-20-Comp1-0-4'

Sampled: 2/13/2017 10:45

Sample ID: 17B0591-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Acrylonitrile	ND	0.0068	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
tert-Butyl Alcohol (TBA)	ND	0.045	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 10:36	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Carbon Disulfide	ND	0.0068	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Chlorodibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2-Dibromoethane (EDB)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-20-Comp1-0-4'

Sampled: 2/13/2017 10:45

Sample ID: 17B0591-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Methyl Acetate	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Methyl tert-Butyl Ether (MTBE)	0.039	0.0045	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Methyl Cyclohexane	0.0075	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Trichloroethylene	0.0061	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 10:36	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		105	70-130					2/16/17 10:36	
Toluene-d8		102	70-130					2/16/17 10:36	
4-Bromofluorobenzene		96.3	70-130					2/16/17 10:36	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-20-Comp1-0-4'

Sampled: 2/13/2017 10:45

Sample ID: 17B0591-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Aniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Benzidine	ND	0.82	mg/Kg dry	1	V-04, V-05	SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Benzo(a)anthracene	0.30	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Benzo(a)pyrene	0.22	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Benzo(b)fluoranthene	0.28	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
4-Chloroaniline	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
4-Chloro-3-methylphenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Chrysene	0.30	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2,4-Dinitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Fluoranthene	0.57	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-20-Comp1-0-4'

Sampled: 2/13/2017 10:45

Sample ID: 17B0591-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
4-Nitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Phenanthrene	0.65	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Pyrene	0.63	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:22	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	44.7	30-130	2/17/17 20:22
Phenol-d6	45.8	30-130	2/17/17 20:22
Nitrobenzene-d5	44.5	30-130	2/17/17 20:22
2-Fluorobiphenyl	53.4	30-130	2/17/17 20:22
2,4,6-Tribromophenol	44.8	30-130	2/17/17 20:22
p-Terphenyl-d14	53.2	30-130	2/17/17 20:22

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-20-Comp1-0-4'

Sampled: 2/13/2017 10:45

Sample ID: 17B0591-04

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Aldrin [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
alpha-BHC [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
beta-BHC [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
delta-BHC [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
gamma-BHC (Lindane) [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Chlordane [1]	ND	0.025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
4,4'-DDD [1]	ND	0.0012	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
4,4'-DDE [1]	ND	0.0012	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
4,4'-DDT [1]	ND	0.0012	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Dieldrin [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Endosulfan I [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Endosulfan II [1]	ND	0.0099	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Endosulfan sulfate [1]	ND	0.0099	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Endrin [1]	ND	0.0099	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Endrin aldehyde [1]	ND	0.0099	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Endrin ketone [1]	ND	0.0099	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Heptachlor [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Heptachlor epoxide [1]	ND	0.0062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Hexachlorobenzene [1]	ND	0.0074	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Methoxychlor [1]	ND	0.062	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Toxaphene [1]	ND	0.12	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:26	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		78.4	30-150					2/22/17 16:26	
Decachlorobiphenyl [2]		77.6	30-150					2/22/17 16:26	
Tetrachloro-m-xylene [1]		80.8	30-150					2/22/17 16:26	
Tetrachloro-m-xylene [2]		68.9	30-150					2/22/17 16:26	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-20-Comp1-0-4'

Sampled: 2/13/2017 10:45

Sample ID: 17B0591-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Aroclor-1254 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Aroclor-1260 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:24	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		81.4	30-150					2/20/17 12:24	
Decachlorobiphenyl [2]		89.1	30-150					2/20/17 12:24	
Tetrachloro-m-xylene [1]		69.8	30-150					2/20/17 12:24	
Tetrachloro-m-xylene [2]		84.6	30-150					2/20/17 12:24	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-20-Comp1-0-4'

Sampled: 2/13/2017 10:45

Sample ID: 17B0591-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	12000	3.0		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Antimony	ND	3.0		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Arsenic	6.0	3.0		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Barium	96	3.0		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Beryllium	0.95	0.30		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Cadmium	ND	0.30		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Calcium	26000	9.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Chromium	17	0.61		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Cobalt	9.0	3.0		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Copper	19	0.61		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Iron	26000	15		mg/Kg dry	5		SW-846 6010C-D	2/21/17	2/23/17 11:18	QNW
Lead	43	0.91		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Magnesium	7100	46		mg/Kg dry	5		SW-846 6010C-D	2/21/17	2/23/17 11:18	QNW
Manganese	360	0.61		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Mercury	0.047	0.030		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:06	TJK
Nickel	16	0.61		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Potassium	1200	120		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Selenium	ND	6.1	1.4	mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Silver	ND	0.61		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Sodium	160	120		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Thallium	ND	3.0		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Vanadium	24	1.2		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW
Zinc	78	1.2		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:09	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-20-Comp1-0-4'

Sampled: 2/13/2017 10:45

Sample ID: 17B0591-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	4.4	0.60	mg/Kg dry	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM
% Solids	80.9		% Wt	1		SM 2540G	2/16/17	2/17/17 8:11	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-24-Comp1-1-3'

Sampled: 2/13/2017 15:15

Sample ID: 17B0591-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Acrylonitrile	ND	0.0062	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 11:03	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Carbon Disulfide	ND	0.0062	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Chlorodibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2-Dibromoethane (EDB)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-24-Comp1-1-3'

Sampled: 2/13/2017 15:15

Sample ID: 17B0591-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Methyl Acetate	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Methyl Cyclohexane	0.0025	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Naphthalene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
m+p Xylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:03	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		100	70-130					2/16/17 11:03	
Toluene-d8		101	70-130					2/16/17 11:03	
4-Bromofluorobenzene		94.4	70-130					2/16/17 11:03	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-24-Comp1-1-3'

Sampled: 2/13/2017 15:15

Sample ID: 17B0591-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Benzidine	ND	0.74	mg/Kg dry	1	V-04, V-05	SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Benzo(a)anthracene	0.29	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Benzo(a)pyrene	0.22	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Benzo(b)fluoranthene	0.30	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Butylbenzylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Chrysene	0.36	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Dimethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Di-n-octylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Fluoranthene	0.49	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-24-Comp1-1-3'

Sampled: 2/13/2017 15:15

Sample ID: 17B0591-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Hexachlorocyclopentadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
1-Methylnaphthalene	0.81	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2-Methylnaphthalene	1.0	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Naphthalene	0.60	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Phenanthrene	0.86	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Pyrene	0.63	0.19	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
Pyridine	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	2/16/17	2/17/17 20:45	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	64.5	30-130	2/17/17 20:45
Phenol-d6	70.0	30-130	2/17/17 20:45
Nitrobenzene-d5	69.2	30-130	2/17/17 20:45
2-Fluorobiphenyl	86.3	30-130	2/17/17 20:45
2,4,6-Tribromophenol	44.2	30-130	2/17/17 20:45
p-Terphenyl-d14	105	30-130	2/17/17 20:45

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-24-Comp1-1-3'

Sampled: 2/13/2017 15:15

Sample ID: 17B0591-05

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Aldrin [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
alpha-BHC [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
beta-BHC [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
delta-BHC [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
gamma-BHC (Lindane) [1]	ND	0.0022	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Chlordane [1]	ND	0.022	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
4,4'-DDD [1]	ND	0.0011	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
4,4'-DDE [1]	0.010	0.0011	mg/Kg dry	1	P-02	SW-846 8081B	2/16/17	2/22/17 23:37	JMB
4,4'-DDT [1]	0.0095	0.0011	mg/Kg dry	1	P-02	SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Dieldrin [1]	0.0073	0.0022	mg/Kg dry	1	P-02	SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Endosulfan I [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Endosulfan II [1]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Endosulfan sulfate [1]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Endrin [1]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Endrin aldehyde [1]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 16:53	JMB
Endrin ketone [1]	ND	0.0090	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Heptachlor [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Heptachlor epoxide [1]	ND	0.0056	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Hexachlorobenzene [1]	ND	0.0067	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Methoxychlor [1]	ND	0.056	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 23:37	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		79.5	30-150					2/22/17 23:37	
Decachlorobiphenyl [2]		75.1	30-150					2/22/17 23:37	
Tetrachloro-m-xylene [1]		76.3	30-150					2/22/17 23:37	
Tetrachloro-m-xylene [2]		70.0	30-150					2/22/17 23:37	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-24-Comp1-1-3'

Sampled: 2/13/2017 15:15

Sample ID: 17B0591-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Aroclor-1254 [2]	0.54	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/16/17	2/20/17 12:42	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		83.5	30-150					2/20/17 12:42	
Decachlorobiphenyl [2]		85.5	30-150					2/20/17 12:42	
Tetrachloro-m-xylene [1]		84.7	30-150					2/20/17 12:42	
Tetrachloro-m-xylene [2]		84.8	30-150					2/20/17 12:42	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-24-Comp1-1-3'

Sampled: 2/13/2017 15:15

Sample ID: 17B0591-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	15000	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Antimony	7.6	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Arsenic	ND	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Barium	140	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Beryllium	2.6	0.27		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Cadmium	ND	0.27		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Calcium	150000	80		mg/Kg dry	10		SW-846 6010C-D	2/21/17	2/23/17 12:35	QNW
Chromium	14	0.53		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Cobalt	ND	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Copper	17	0.53		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Iron	12000	13		mg/Kg dry	5		SW-846 6010C-D	2/21/17	2/23/17 11:22	QNW
Lead	34	0.80		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Magnesium	12000	40		mg/Kg dry	5		SW-846 6010C-D	2/21/17	2/23/17 11:22	QNW
Manganese	1500	0.53		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Mercury	0.032	0.028		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:11	TJK
Nickel	8.5	0.53		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Potassium	1600	110		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Selenium	ND	5.3	1.2	mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Silver	ND	0.53		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Sodium	470	110		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Thallium	ND	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Vanadium	9.1	1.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW
Zinc	48	1.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:13	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-24-Comp1-1-3'

Sampled: 2/13/2017 15:15

Sample ID: 17B0591-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	6.7	0.53	mg/Kg dry	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM
% Solids	88.9		% Wt	1		SM 2540G	2/16/17	2/17/17 8:11	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp2-5.4-7'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Acrylonitrile	ND	0.0068	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
tert-Butyl Alcohol (TBA)	ND	0.045	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 11:30	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Carbon Disulfide	ND	0.0068	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Chlorodibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2-Dibromoethane (EDB)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,1-Dichloroethane	0.011	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp2-5.4-7'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Methyl Acetate	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Methyl Cyclohexane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Methylene Chloride	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,1,1-Trichloroethane	0.0076	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:30	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		97.4	70-130					2/16/17 11:30	
Toluene-d8		101	70-130					2/16/17 11:30	
4-Bromofluorobenzene		98.2	70-130					2/16/17 11:30	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp2-5.4-7'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.23	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Acetophenone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Aniline	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Anthracene	0.48	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Benzidine	ND	0.83	mg/Kg dry	1	V-04, V-05	SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Benzo(a)anthracene	1.9	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Benzo(a)pyrene	1.4	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Benzo(b)fluoranthene	1.9	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Benzo(g,h,i)perylene	0.64	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Benzo(k)fluoranthene	0.67	0.21	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Carbazole	0.25	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
4-Chloroaniline	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
4-Chloro-3-methylphenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Chrysene	2.0	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Dibenz(a,h)anthracene	0.22	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
1,2-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
1,3-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
1,4-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2,4-Dinitrophenol	ND	0.83	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Fluoranthene	3.9	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Fluorene	0.23	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp2-5.4-7'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.43	mg/Kg dry	1	V-05	SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Indeno(1,2,3-cd)pyrene	0.71	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
4-Nitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
N-Nitrosodimethylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Phenanthrene	2.7	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Pyrene	3.4	0.21	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	2/16/17	2/19/17 13:44	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		68.3	30-130					2/19/17 13:44	
Phenol-d6		77.4	30-130					2/19/17 13:44	
Nitrobenzene-d5		76.4	30-130					2/19/17 13:44	
2-Fluorobiphenyl		90.7	30-130					2/19/17 13:44	
2,4,6-Tribromophenol		94.4	30-130					2/19/17 13:44	
p-Terphenyl-d14		85.2	30-130					2/19/17 13:44	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp2-5.4-7'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-06

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Aldrin [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
alpha-BHC [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
beta-BHC [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
delta-BHC [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
gamma-BHC (Lindane) [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Chlordane [1]	ND	0.025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
4,4'-DDD [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
4,4'-DDE [1]	ND	0.0013	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
4,4'-DDT [1]	0.0044	0.0013	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Dieldrin [1]	ND	0.0025	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Endosulfan I [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Endosulfan II [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Endosulfan sulfate [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Endrin [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Endrin aldehyde [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Endrin ketone [1]	ND	0.010	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Heptachlor [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Heptachlor epoxide [1]	ND	0.0063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Hexachlorobenzene [1]	ND	0.0076	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Methoxychlor [1]	ND	0.063	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Toxaphene [1]	ND	0.13	mg/Kg dry	1		SW-846 8081B	2/16/17	2/22/17 17:20	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		79.7	30-150					2/22/17 17:20	
Decachlorobiphenyl [2]		75.5	30-150					2/22/17 17:20	
Tetrachloro-m-xylene [1]		74.4	30-150					2/22/17 17:20	
Tetrachloro-m-xylene [2]		67.3	30-150					2/22/17 17:20	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp2-5.4-7'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Aroclor-1254 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Aroclor-1260 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	2/16/17	2/20/17 12:59	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		65.7	30-150					2/20/17 12:59	
Decachlorobiphenyl [2]		74.9	30-150					2/20/17 12:59	
Tetrachloro-m-xylene [1]		71.9	30-150					2/20/17 12:59	
Tetrachloro-m-xylene [2]		79.9	30-150					2/20/17 12:59	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp2-5.4-7'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	13000	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Antimony	28	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Arsenic	13	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Barium	120	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Beryllium	0.89	0.31		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Cadmium	ND	0.31		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Calcium	27000	9.3		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Chromium	22	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Cobalt	14	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Copper	45	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Iron	53000	31		mg/Kg dry	10		SW-846 6010C-D	2/21/17	2/23/17 11:32	QNW
Lead	160	0.93		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Magnesium	11000	93		mg/Kg dry	10		SW-846 6010C-D	2/21/17	2/23/17 11:32	QNW
Manganese	730	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Mercury	0.049	0.031		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:12	TJK
Nickel	25	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Potassium	1300	120		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Selenium	ND	6.2	1.4	mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Silver	0.70	0.62		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Sodium	200	120		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Thallium	ND	3.1		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Vanadium	23	1.2		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW
Zinc	130	1.2		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:17	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-19-Comp2-5.4-7'

Sampled: 2/13/2017 10:00

Sample ID: 17B0591-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.63	mg/Kg dry	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM
% Solids	79.1		% Wt	1		SM 2540G	2/16/17	2/17/17 8:11	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-21-Comp1-0-4'

Sampled: 2/13/2017 14:15

Sample ID: 17B0591-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	30	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:30	QNW
Barium	140	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:30	QNW
Cadmium	ND	0.27		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:30	QNW
Chromium	33	0.55		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:30	QNW
Lead	770	0.82		mg/Kg dry	1	MS-19	SW-846 6010C-D	2/21/17	2/22/17 16:30	QNW
Mercury	0.066	0.028		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:14	TJK
Selenium	4.0	5.5	1.2	mg/Kg dry	1	J	SW-846 6010C-D	2/21/17	2/23/17 10:35	QNW
Silver	ND	0.55		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 16:30	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-21-Comp1-0-4'

Sampled: 2/13/2017 14:15

Sample ID: 17B0591-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	2/16/17	2/16/17 15:20	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-21-Comp1-0-4'

Sampled: 2/13/2017 14:15

Sample ID: 17B0591-07

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:26	SHN
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/17/17	2/21/17 16:09	TJK
Barium	0.31	0.050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:26	SHN
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:26	SHN
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:26	SHN
Lead	0.28	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:26	SHN
Selenium	0.12	0.050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:26	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:26	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-21-Comp1-0-4'

Sampled: 2/13/2017 14:15

Sample ID: 17B0591-07

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:15	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:15	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:15	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:15	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:15	QNW
Mercury	0.00010	0.00010	mg/L	1		SW-846 7470A	2/17/17	2/21/17 16:22	TJK
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:15	QNW
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:15	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB22-VOC1-4-6'

Sampled: 2/13/2017 13:45

Sample ID: 17B0591-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Acrylonitrile	ND	0.0061	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 11:58	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Carbon Disulfide	ND	0.0061	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Chlorodibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2-Dibromoethane (EDB)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB22-VOC1-4-6'

Sampled: 2/13/2017 13:45

Sample ID: 17B0591-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Methyl Acetate	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1	V-05	SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Methyl Cyclohexane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Naphthalene	0.0063	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
m+p Xylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/16/17	2/16/17 11:58	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		96.4	70-130					2/16/17 11:58	
Toluene-d8		102	70-130					2/16/17 11:58	
4-Bromofluorobenzene		97.5	70-130					2/16/17 11:58	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB22-VOC1-4-6'

Sampled: 2/13/2017 13:45

Sample ID: 17B0591-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	2/16/17	2/17/17 8:11	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-22-Comp1-0-4'

Sampled: 2/13/2017 13:45

Sample ID: 17B0591-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	14	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/23/17 11:38	QNW
Barium	110	2.7		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/23/17 11:38	QNW
Cadmium	0.29	0.27		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/23/17 11:38	QNW
Chromium	26	0.55		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/23/17 11:38	QNW
Lead	880	0.82		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/23/17 11:38	QNW
Mercury	0.11	0.028		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:15	TJK
Selenium	4.5	5.5	1.2	mg/Kg dry	1	J	SW-846 6010C-D	2/21/17	2/23/17 11:38	QNW
Silver	2.8	0.55		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/23/17 11:38	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-22-Comp1-0-4'

Sampled: 2/13/2017 13:45

Sample ID: 17B0591-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	2/16/17	2/16/17 15:20	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-22-Comp1-0-4'

Sampled: 2/13/2017 13:45

Sample ID: 17B0591-09

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:31	SHN
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/17/17	2/21/17 16:11	TJK
Barium	0.30	0.050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:31	SHN
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:31	SHN
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:31	SHN
Lead	0.046	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:31	SHN
Selenium	0.14	0.050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:31	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:31	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-22-Comp1-0-4'

Sampled: 2/13/2017 13:45

Sample ID: 17B0591-09

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:20	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:20	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:20	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:20	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:20	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/17/17	2/21/17 16:23	TJK
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:20	QNW
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:20	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-23-Comp1-0-4'

Sampled: 2/13/2017 13:10

Sample ID: 17B0591-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	12	3.0		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:32	QNW
Barium	98	3.0		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:32	QNW
Cadmium	ND	0.30		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:32	QNW
Chromium	17	0.59		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:32	QNW
Lead	110	0.89		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:32	QNW
Mercury	0.058	0.029		mg/Kg dry	1		SW-846 7471B	2/21/17	2/22/17 9:16	TJK
Selenium	ND	5.9	1.3	mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:32	QNW
Silver	ND	0.59		mg/Kg dry	1		SW-846 6010C-D	2/21/17	2/22/17 18:32	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-23-Comp1-0-4'

Sampled: 2/13/2017 13:10

Sample ID: 17B0591-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.3		% Wt	1		SM 2540G	2/16/17	2/16/17 15:20	MRL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-23-Comp1-0-4'

Sampled: 2/13/2017 13:10

Sample ID: 17B0591-10

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.010	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:36	SHN
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/17/17	2/21/17 16:12	TJK
Barium	0.50	0.050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:36	SHN
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:36	SHN
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:36	SHN
Lead	0.51	0.010	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:36	SHN
Selenium	0.14	0.050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:36	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	2/20/17	2/21/17 13:36	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: LB-23-Comp1-0-4'

Sampled: 2/13/2017 13:10

Sample ID: 17B0591-10

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:25	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:25	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:25	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:25	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:25	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/17/17	2/21/17 16:25	TJK
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:25	QNW
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	2/17/17	2/22/17 15:25	QNW

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: Trip Blank

Sampled: 2/13/2017 00:00

Sample ID: 17B0591-11

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	2/16/17	2/17/17 15:00	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05	SW-846 8260C	2/16/17	2/17/17 15:00	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0591

Date Received: 2/14/2017

Field Sample #: Trip Blank

Sampled: 2/13/2017 00:00

Sample ID: 17B0591-11

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	2/16/17	2/17/17 15:00	LBD
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	88.2	70-130						2/17/17 15:00	
Toluene-d8	102	70-130						2/17/17 15:00	
4-Bromofluorobenzene	95.7	70-130						2/17/17 15:00	

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17B0591-07 [LB-21-Comp1-0-4']	B170592	02/16/17
17B0591-09 [LB-22-Comp1-0-4']	B170592	02/16/17
17B0591-10 [LB-23-Comp1-0-4']	B170592	02/16/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17B0591-01 [LB-16-Comp1-0-2']	B170608	02/16/17
17B0591-02 [LB-17-Comp1-1-3']	B170608	02/16/17
17B0591-03 [LB-19-Comp1-0-5.4']	B170608	02/16/17
17B0591-04 [LB-20-Comp1-0-4']	B170608	02/16/17
17B0591-05 [LB-24-Comp1-1-3']	B170608	02/16/17
17B0591-06 [LB-19-Comp2-5.4-7']	B170608	02/16/17
17B0591-08 [LB22-VOC1-4-6']	B170608	02/16/17

Prep Method: SW-846 3051-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0591-01 [LB-16-Comp1-0-2']	B170898	1.03	50.0	02/21/17
17B0591-02 [LB-17-Comp1-1-3']	B170898	1.07	50.0	02/21/17
17B0591-03 [LB-19-Comp1-0-5.4']	B170898	0.994	50.0	02/21/17
17B0591-04 [LB-20-Comp1-0-4']	B170898	1.02	50.0	02/21/17
17B0591-05 [LB-24-Comp1-1-3']	B170898	1.05	50.0	02/21/17
17B0591-06 [LB-19-Comp2-5.4-7']	B170898	1.01	50.0	02/21/17
17B0591-07 [LB-21-Comp1-0-4']	B170898	1.03	50.0	02/21/17
17B0591-09 [LB-22-Comp1-0-4']	B170898	1.04	50.0	02/21/17
17B0591-10 [LB-23-Comp1-0-4']	B170898	0.999	50.0	02/21/17

Prep Method: SW-846 3010A-SW-846 6010C-D

Leachates were extracted on 2/16/2017 per SW-846 1312 in Batch B170598

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0591-07 [LB-21-Comp1-0-4']	B170735	50.0	50.0	02/17/17
17B0591-09 [LB-22-Comp1-0-4']	B170735	50.0	50.0	02/17/17
17B0591-10 [LB-23-Comp1-0-4']	B170735	50.0	50.0	02/17/17

Prep Method: SW-846 3010A-SW-846 6010C-D

Leachates were extracted on 2/16/2017 per SW-846 1311 in Batch B170600

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0591-07 [LB-21-Comp1-0-4']	B170737	50.0	50.0	02/20/17
17B0591-09 [LB-22-Comp1-0-4']	B170737	50.0	50.0	02/20/17
17B0591-10 [LB-23-Comp1-0-4']	B170737	50.0	50.0	02/20/17

Prep Method: SW-846 7470A Prep-SW-846 7470A

Leachates were extracted on 2/16/2017 per SW-846 1311 in Batch B170600

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0591-07 [LB-21-Comp1-0-4']	B170740	6.00	6.00	02/17/17
17B0591-09 [LB-22-Comp1-0-4']	B170740	6.00	6.00	02/17/17
17B0591-10 [LB-23-Comp1-0-4']	B170740	6.00	6.00	02/17/17

Sample Extraction Data

Prep Method: SW-846 7470A Prep-SW-846 7470A

Leachates were extracted on 2/16/2017 per SW-846 1312 in Batch B170598

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0591-07 [LB-21-Comp1-0-4']	B170741	6.00	6.00	02/17/17
17B0591-09 [LB-22-Comp1-0-4']	B170741	6.00	6.00	02/17/17
17B0591-10 [LB-23-Comp1-0-4']	B170741	6.00	6.00	02/17/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0591-01 [LB-16-Comp1-0-2']	B170901	0.606	50.0	02/21/17
17B0591-02 [LB-17-Comp1-1-3']	B170901	0.602	50.0	02/21/17
17B0591-03 [LB-19-Comp1-0-5.4']	B170901	0.617	50.0	02/21/17
17B0591-04 [LB-20-Comp1-0-4']	B170901	0.617	50.0	02/21/17
17B0591-05 [LB-24-Comp1-1-3']	B170901	0.596	50.0	02/21/17
17B0591-06 [LB-19-Comp2-5.4-7']	B170901	0.610	50.0	02/21/17
17B0591-07 [LB-21-Comp1-0-4']	B170901	0.605	50.0	02/21/17
17B0591-09 [LB-22-Comp1-0-4']	B170901	0.602	50.0	02/21/17
17B0591-10 [LB-23-Comp1-0-4']	B170901	0.615	50.0	02/21/17

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0591-01 [LB-16-Comp1-0-2']	B170579	10.0	10.0	02/16/17
17B0591-02 [LB-17-Comp1-1-3']	B170579	10.0	10.0	02/16/17
17B0591-03 [LB-19-Comp1-0-5.4']	B170579	10.0	10.0	02/16/17
17B0591-04 [LB-20-Comp1-0-4']	B170579	10.0	10.0	02/16/17
17B0591-05 [LB-24-Comp1-1-3']	B170579	10.0	10.0	02/16/17
17B0591-06 [LB-19-Comp2-5.4-7']	B170579	10.0	10.0	02/16/17

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0591-01 [LB-16-Comp1-0-2']	B170581	10.0	10.0	02/16/17
17B0591-02 [LB-17-Comp1-1-3']	B170581	10.0	10.0	02/16/17
17B0591-03 [LB-19-Comp1-0-5.4']	B170581	10.0	10.0	02/16/17
17B0591-04 [LB-20-Comp1-0-4']	B170581	10.0	10.0	02/16/17
17B0591-05 [LB-24-Comp1-1-3']	B170581	10.0	10.0	02/16/17
17B0591-06 [LB-19-Comp2-5.4-7']	B170581	10.0	10.0	02/16/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0591-01 [LB-16-Comp1-0-2']	B170605	5.01	10.0	02/16/17
17B0591-02 [LB-17-Comp1-1-3']	B170605	5.71	10.0	02/16/17
17B0591-03 [LB-19-Comp1-0-5.4']	B170605	5.20	10.0	02/16/17
17B0591-04 [LB-20-Comp1-0-4']	B170605	5.44	10.0	02/16/17
17B0591-05 [LB-24-Comp1-1-3']	B170605	5.46	10.0	02/16/17
17B0591-06 [LB-19-Comp2-5.4-7']	B170605	5.57	10.0	02/16/17
17B0591-08 [LB22-VOC1-4-6']	B170605	5.75	10.0	02/16/17

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0591-11 [Trip Blank]	B170743	5	5.00	02/16/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0591-01 [LB-16-Comp1-0-2']	B170578	30.0	1.00	02/16/17
17B0591-02 [LB-17-Comp1-1-3']	B170578	30.0	1.00	02/16/17
17B0591-03 [LB-19-Comp1-0-5.4']	B170578	30.0	1.00	02/16/17
17B0591-04 [LB-20-Comp1-0-4']	B170578	30.0	1.00	02/16/17
17B0591-05 [LB-24-Comp1-1-3']	B170578	30.0	1.00	02/16/17
17B0591-06 [LB-19-Comp2-5.4-7']	B170578	30.0	1.00	02/16/17

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0591-01 [LB-16-Comp1-0-2']	B170925	1.09	50.0	02/21/17
17B0591-02 [LB-17-Comp1-1-3']	B170925	1.10	50.0	02/21/17
17B0591-03 [LB-19-Comp1-0-5.4']	B170925	1.09	50.0	02/21/17
17B0591-04 [LB-20-Comp1-0-4']	B170925	1.03	50.0	02/21/17
17B0591-05 [LB-24-Comp1-1-3']	B170925	1.06	50.0	02/21/17
17B0591-06 [LB-19-Comp2-5.4-7']	B170925	1.01	50.0	02/21/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170605 - SW-846 5035

Blank (B170605-BLK1)

Prepared & Analyzed: 02/16/17

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-05
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
Cyclohexane	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170605 - SW-846 5035

Blank (B170605-BLK1)

Prepared & Analyzed: 02/16/17

Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							V-05
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0504		mg/Kg wet	0.0500		101	70-130			
Surrogate: Toluene-d8	0.0514		mg/Kg wet	0.0500		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0491		mg/Kg wet	0.0500		98.2	70-130			

LCS (B170605-BS1)

Prepared & Analyzed: 02/16/17

Acetone	0.220	0.10	mg/Kg wet	0.200		110	70-160			V-20 †
Acrylonitrile	0.0224	0.0060	mg/Kg wet	0.0200		112	70-130			
tert-Amyl Methyl Ether (TAME)	0.0185	0.0010	mg/Kg wet	0.0200		92.4	70-130			
Benzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
Bromobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
Bromochloromethane	0.0277	0.0020	mg/Kg wet	0.0200		139 *	70-130			L-02, V-20
Bromodichloromethane	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
Bromoform	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
Bromomethane	0.0145	0.010	mg/Kg wet	0.0200		72.5	40-130			†
2-Butanone (MEK)	0.229	0.040	mg/Kg wet	0.200		114	70-160			†
tert-Butyl Alcohol (TBA)	0.120	0.040	mg/Kg wet	0.200		60.2	40-130			V-05 †
n-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
sec-Butylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			
tert-Butylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130			
Carbon Disulfide	0.0236	0.0060	mg/Kg wet	0.0200		118	70-130			
Carbon Tetrachloride	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130			
Chlorobenzene	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130			
Chlorodibromomethane	0.0239	0.0010	mg/Kg wet	0.0200		120	70-130			
Chloroethane	0.0198	0.020	mg/Kg wet	0.0200		99.1	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170605 - SW-846 5035										
LCS (B170605-BS1)										
Prepared & Analyzed: 02/16/17										
Chloroform	0.0214	0.0040	mg/Kg wet	0.0200		107	70-130			
Chloromethane	0.0224	0.010	mg/Kg wet	0.0200		112	70-130			V-20
2-Chlorotoluene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
4-Chlorotoluene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
Cyclohexane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130			
1,2-Dibromoethane (EDB)	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130			
Dibromomethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
1,3-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130			
1,4-Dichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
trans-1,4-Dichloro-2-butene	0.0207	0.0040	mg/Kg wet	0.0200		104	70-130			
Dichlorodifluoromethane (Freon 12)	0.0165	0.020	mg/Kg wet	0.0200		82.5	40-160			†
1,1-Dichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,2-Dichloroethane	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130			
1,1-Dichloroethylene	0.0227	0.0040	mg/Kg wet	0.0200		114	70-130			
cis-1,2-Dichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
trans-1,2-Dichloroethylene	0.0247	0.0020	mg/Kg wet	0.0200		124	70-130			
1,2-Dichloropropane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
1,3-Dichloropropane	0.0213	0.0010	mg/Kg wet	0.0200		107	70-130			
2,2-Dichloropropane	0.0164	0.0020	mg/Kg wet	0.0200		81.9	70-130			
1,1-Dichloropropene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
cis-1,3-Dichloropropene	0.0192	0.0010	mg/Kg wet	0.0200		95.9	70-130			
trans-1,3-Dichloropropene	0.0195	0.0010	mg/Kg wet	0.0200		97.4	70-130			
Diethyl Ether	0.0220	0.020	mg/Kg wet	0.0200		110	70-130			
Diisopropyl Ether (DIPE)	0.0233	0.0010	mg/Kg wet	0.0200		116	70-130			
1,4-Dioxane	0.213	0.10	mg/Kg wet	0.200		107	40-160			†
Ethylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
Hexachlorobutadiene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-160			
2-Hexanone (MBK)	0.245	0.020	mg/Kg wet	0.200		123	70-160			V-20 †
Isopropylbenzene (Cumene)	0.0245	0.0020	mg/Kg wet	0.0200		122	70-130			
p-Isopropyltoluene (p-Cymene)	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
Methyl Acetate	0.0315	0.0020	mg/Kg wet	0.0200		157 *	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0155	0.0040	mg/Kg wet	0.0200		77.5	70-130			V-05
Methyl Cyclohexane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
Methylene Chloride	0.0254	0.020	mg/Kg wet	0.0200		127	40-160			†
4-Methyl-2-pentanone (MIBK)	0.235	0.020	mg/Kg wet	0.200		118	70-160			†
Naphthalene	0.0192	0.0040	mg/Kg wet	0.0200		96.0	40-130			†
n-Propylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
Styrene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,1,1,2-Tetrachloroethane	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
1,1,2,2-Tetrachloroethane	0.0203	0.0010	mg/Kg wet	0.0200		101	70-130			
Tetrachloroethylene	0.0249	0.0020	mg/Kg wet	0.0200		125	70-130			
Tetrahydrofuran	0.0231	0.010	mg/Kg wet	0.0200		116	70-130			
Toluene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
1,2,3-Trichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,2,4-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
1,3,5-Trichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
1,1,1-Trichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130			
1,1,2-Trichloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
Trichloroethylene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130			
Trichlorofluoromethane (Freon 11)	0.0238	0.010	mg/Kg wet	0.0200		119	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170605 - SW-846 5035										
LCS (B170605-BS1)										
Prepared & Analyzed: 02/16/17										
1,2,3-Trichloropropane	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0228	0.010	mg/Kg wet	0.0200		114	70-130			
1,2,4-Trimethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
1,3,5-Trimethylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
Vinyl Chloride	0.0190	0.010	mg/Kg wet	0.0200		95.1	40-130			†
m+p Xylene	0.0451	0.0040	mg/Kg wet	0.0400		113	70-130			
o-Xylene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0500		mg/Kg wet	0.0500		99.9	70-130			
Surrogate: Toluene-d8	0.0516		mg/Kg wet	0.0500		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0504		mg/Kg wet	0.0500		101	70-130			
LCS Dup (B170605-BSD1)										
Prepared & Analyzed: 02/16/17										
Acetone	0.206	0.10	mg/Kg wet	0.200		103	70-160	6.23	25	V-20 †
Acrylonitrile	0.0221	0.0060	mg/Kg wet	0.0200		111	70-130	1.44	25	
tert-Amyl Methyl Ether (TAME)	0.0183	0.0010	mg/Kg wet	0.0200		91.4	70-130	1.09	25	
Benzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	2.44	25	
Bromobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.9	70-130	4.59	25	
Bromochloromethane	0.0272	0.0020	mg/Kg wet	0.0200		136 *	70-130	2.04	25	L-02, V-20
Bromodichloromethane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.10	25	
Bromoform	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	7.00	25	
Bromomethane	0.0148	0.010	mg/Kg wet	0.0200		74.2	40-130	2.32	25	†
2-Butanone (MEK)	0.220	0.040	mg/Kg wet	0.200		110	70-160	4.04	25	†
tert-Butyl Alcohol (TBA)	0.125	0.040	mg/Kg wet	0.200		62.4	40-130	3.59	25	V-05 †
n-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	3.84	25	
sec-Butylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	2.62	25	
tert-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-160	2.71	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0199	0.0010	mg/Kg wet	0.0200		99.6	70-130	4.23	25	
Carbon Disulfide	0.0228	0.0060	mg/Kg wet	0.0200		114	70-130	3.19	25	
Carbon Tetrachloride	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	4.41	25	
Chlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	3.98	25	
Chlorodibromomethane	0.0231	0.0010	mg/Kg wet	0.0200		115	70-130	3.66	25	
Chloroethane	0.0189	0.020	mg/Kg wet	0.0200		94.4	70-130	4.86	25	
Chloroform	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130	2.65	25	
Chloromethane	0.0214	0.010	mg/Kg wet	0.0200		107	70-130	4.38	25	V-20
2-Chlorotoluene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	5.24	25	
4-Chlorotoluene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	1.97	25	
Cyclohexane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.37	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130	5.05	25	
1,2-Dibromoethane (EDB)	0.0215	0.0010	mg/Kg wet	0.0200		108	70-130	1.48	25	
Dibromomethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	4.79	25	
1,2-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	5.46	25	
1,3-Dichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	1.67	25	
1,4-Dichlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	2.00	25	
trans-1,4-Dichloro-2-butene	0.0185	0.0040	mg/Kg wet	0.0200		92.4	70-130	11.3	25	
Dichlorodifluoromethane (Freon 12)	0.0162	0.020	mg/Kg wet	0.0200		81.0	40-160	1.83	25	†
1,1-Dichloroethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	2.25	25	
1,2-Dichloroethane	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130	2.90	25	
1,1-Dichloroethylene	0.0220	0.0040	mg/Kg wet	0.0200		110	70-130	3.04	25	
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	3.11	25	
trans-1,2-Dichloroethylene	0.0263	0.0020	mg/Kg wet	0.0200		131 *	70-130	6.20	25	L-07
1,2-Dichloropropane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	3.52	25	
1,3-Dichloropropane	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130	6.18	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170605 - SW-846 5035										
LCS Dup (B170605-BSD1)										
Prepared & Analyzed: 02/16/17										
2,2-Dichloropropane	0.0160	0.0020	mg/Kg wet	0.0200		80.1	70-130	2.22	25	
1,1-Dichloropropene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	1.79	25	
cis-1,3-Dichloropropene	0.0190	0.0010	mg/Kg wet	0.0200		95.0	70-130	0.943	25	
trans-1,3-Dichloropropene	0.0189	0.0010	mg/Kg wet	0.0200		94.4	70-130	3.13	25	
Diethyl Ether	0.0205	0.020	mg/Kg wet	0.0200		103	70-130	7.05	25	
Diisopropyl Ether (DIPE)	0.0230	0.0010	mg/Kg wet	0.0200		115	70-130	1.38	25	
1,4-Dioxane	0.197	0.10	mg/Kg wet	0.200		98.6	40-160	7.73	50	† ‡
Ethylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	3.41	25	
Hexachlorobutadiene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-160	1.82	25	
2-Hexanone (MBK)	0.234	0.020	mg/Kg wet	0.200		117	70-160	4.72	25	V-20 †
Isopropylbenzene (Cumene)	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	6.15	25	
p-Isopropyltoluene (p-Cymene)	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	2.18	25	
Methyl Acetate	0.0288	0.0020	mg/Kg wet	0.0200		144 *	70-130	8.69	25	L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0164	0.0040	mg/Kg wet	0.0200		82.1	70-130	5.76	25	V-05
Methyl Cyclohexane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	4.67	25	
Methylene Chloride	0.0245	0.020	mg/Kg wet	0.0200		123	40-160	3.60	25	†
4-Methyl-2-pentanone (MIBK)	0.232	0.020	mg/Kg wet	0.200		116	70-160	1.26	25	†
Naphthalene	0.0196	0.0040	mg/Kg wet	0.0200		98.2	40-130	2.27	25	†
n-Propylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	5.82	25	
Styrene	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	6.42	25	
1,1,1,2-Tetrachloroethane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	3.31	25	
1,1,2,2-Tetrachloroethane	0.0188	0.0010	mg/Kg wet	0.0200		94.2	70-130	7.36	25	
Tetrachloroethylene	0.0245	0.0020	mg/Kg wet	0.0200		122	70-130	1.78	25	
Tetrahydrofuran	0.0225	0.010	mg/Kg wet	0.0200		112	70-130	2.63	25	
Toluene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	1.91	25	
1,2,3-Trichlorobenzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	1.52	25	
1,2,4-Trichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130	2.12	25	
1,3,5-Trichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	1.60	25	
1,1,1-Trichloroethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	2.81	25	
1,1,2-Trichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	4.54	25	
Trichloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	2.41	25	
Trichlorofluoromethane (Freon 11)	0.0229	0.010	mg/Kg wet	0.0200		114	70-130	3.85	25	
1,2,3-Trichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130	3.40	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0216	0.010	mg/Kg wet	0.0200		108	70-130	5.41	25	
1,2,4-Trimethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	2.94	25	
1,3,5-Trimethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	4.11	25	
Vinyl Chloride	0.0183	0.010	mg/Kg wet	0.0200		91.6	40-130	3.75	25	†
m+p Xylene	0.0432	0.0040	mg/Kg wet	0.0400		108	70-130	4.35	25	
o-Xylene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	4.26	25	
Surrogate: 1,2-Dichloroethane-d4	0.0490		mg/Kg wet	0.0500		98.0	70-130			
Surrogate: Toluene-d8	0.0526		mg/Kg wet	0.0500		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.0493		mg/Kg wet	0.0500		98.6	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170743 - SW-846 5030B

Blank (B170743-BLK1)

Prepared & Analyzed: 02/17/17

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-05
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170743 - SW-846 5030B										
Blank (B170743-BLK1)										
Prepared & Analyzed: 02/17/17										
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.6		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	25.1		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.0	70-130			
LCS (B170743-BS1)										
Prepared & Analyzed: 02/17/17										
Acetone	93.9	50	µg/L	100		93.9	70-160			†
Acrylonitrile	10.4	5.0	µg/L	10.0		104	70-130			
tert-Amyl Methyl Ether (TAME)	9.69	0.50	µg/L	10.0		96.9	70-130			
Benzene	10.5	1.0	µg/L	10.0		105	70-130			
Bromobenzene	10.3	1.0	µg/L	10.0		103	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130			
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130			
Bromoform	10.2	1.0	µg/L	10.0		102	70-130			
Bromomethane	4.74	2.0	µg/L	10.0		47.4	40-160		R-05	†
2-Butanone (MEK)	96.5	20	µg/L	100		96.5	40-160			†
tert-Butyl Alcohol (TBA)	68.6	20	µg/L	100		68.6	40-160		V-05	†
n-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130			
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130			
tert-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.96	0.50	µg/L	10.0		99.6	70-130			
Carbon Disulfide	13.4	4.0	µg/L	10.0		134 *	70-130			L-07
Carbon Tetrachloride	10.5	5.0	µg/L	10.0		105	70-130			
Chlorobenzene	10.4	1.0	µg/L	10.0		104	70-130			
Chlorodibromomethane	10.9	0.50	µg/L	10.0		109	70-130			
Chloroethane	8.20	2.0	µg/L	10.0		82.0	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170743 - SW-846 5030B										
LCS (B170743-BS1)										
Prepared & Analyzed: 02/17/17										
Chloroform	10.7	2.0	µg/L	10.0		107	70-130			
Chloromethane	6.93	2.0	µg/L	10.0		69.3	40-160			†
2-Chlorotoluene	10.7	1.0	µg/L	10.0		107	70-130			
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130			
Cyclohexane	11.6	5.0	µg/L	10.0		116	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	11.9	5.0	µg/L	10.0		119	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104	70-130			
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130			
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,3-Dichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130			
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106	70-130			
Dichlorodifluoromethane (Freon 12)	5.74	2.0	µg/L	10.0		57.4	40-160			†
1,1-Dichloroethane	10.7	1.0	µg/L	10.0		107	70-130			
1,2-Dichloroethane	10.9	1.0	µg/L	10.0		109	70-130			
1,1-Dichloroethylene	9.87	1.0	µg/L	10.0		98.7	70-130			
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
trans-1,2-Dichloroethylene	11.9	1.0	µg/L	10.0		119	70-130			
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130			
1,3-Dichloropropane	10.0	0.50	µg/L	10.0		100	70-130			
2,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	40-130			†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106	70-130			
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130			
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103	70-130			
Diethyl Ether	9.84	2.0	µg/L	10.0		98.4	70-130			
Diisopropyl Ether (DIPE)	10.2	0.50	µg/L	10.0		102	70-130			
1,4-Dioxane	84.2	50	µg/L	100		84.2	40-130			†
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130			
Hexachlorobutadiene	12.8	0.60	µg/L	10.0		128	70-130			
2-Hexanone (MBK)	99.6	10	µg/L	100		99.6	70-160			†
Isopropylbenzene (Cumene)	10.8	1.0	µg/L	10.0		108	70-130			
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.0		104	70-130			
Methyl Acetate	11.3	1.0	µg/L	10.0		113	70-130			
Methyl tert-Butyl Ether (MTBE)	9.87	1.0	µg/L	10.0		98.7	70-130			
Methyl Cyclohexane	10.8	1.0	µg/L	10.0		108	70-130			
Methylene Chloride	11.3	5.0	µg/L	10.0		113	70-130			
4-Methyl-2-pentanone (MIBK)	96.6	10	µg/L	100		96.6	70-160			†
Naphthalene	12.8	2.0	µg/L	10.0		128	40-130			V-20 †
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Styrene	10.1	1.0	µg/L	10.0		101	70-130			
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130			
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130			
Tetrachloroethylene	11.5	1.0	µg/L	10.0		115	70-130			
Tetrahydrofuran	11.0	10	µg/L	10.0		110	70-130			
Toluene	10.6	1.0	µg/L	10.0		106	70-130			
1,2,3-Trichlorobenzene	13.3	5.0	µg/L	10.0		133 *	70-130			L-02, V-20
1,2,4-Trichlorobenzene	12.4	1.0	µg/L	10.0		124	70-130			
1,3,5-Trichlorobenzene	11.9	1.0	µg/L	10.0		119	70-130			V-20
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130			
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130			
Trichloroethylene	10.7	1.0	µg/L	10.0		107	70-130			
Trichlorofluoromethane (Freon 11)	9.42	2.0	µg/L	10.0		94.2	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170743 - SW-846 5030B

LCS (B170743-BS1)

Prepared & Analyzed: 02/17/17

1,2,3-Trichloropropane	9.99	2.0	µg/L	10.0		99.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	1.0	µg/L	10.0		100	70-130			
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
1,3,5-Trimethylbenzene	9.97	1.0	µg/L	10.0		99.7	70-130			
Vinyl Chloride	7.62	2.0	µg/L	10.0		76.2	40-160			†
m+p Xylene	21.1	2.0	µg/L	20.0		106	70-130			
o-Xylene	10.3	1.0	µg/L	10.0		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	25.7		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	25.1		µg/L	25.0		100	70-130			

LCS Dup (B170743-BSD1)

Prepared & Analyzed: 02/17/17

Acetone	90.6	50	µg/L	100		90.6	70-160	3.50	25	†
Acrylonitrile	10.2	5.0	µg/L	10.0		102	70-130	2.82	25	
tert-Amyl Methyl Ether (TAME)	9.74	0.50	µg/L	10.0		97.4	70-130	0.515	25	
Benzene	10.3	1.0	µg/L	10.0		103	70-130	2.21	25	
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130	0.390	25	
Bromochloromethane	11.2	1.0	µg/L	10.0		112	70-130	3.17	25	
Bromodichloromethane	10.9	0.50	µg/L	10.0		109	70-130	1.18	25	
Bromoform	10.4	1.0	µg/L	10.0		104	70-130	2.14	25	
Bromomethane	6.40	2.0	µg/L	10.0		64.0	40-160	29.8 *	25	R-05 †
2-Butanone (MEK)	94.9	20	µg/L	100		94.9	40-160	1.73	25	†
tert-Butyl Alcohol (TBA)	68.8	20	µg/L	100		68.8	40-160	0.291	25	V-05 †
n-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130	1.08	25	
sec-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130	1.46	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	1.33	25	
tert-Butyl Ethyl Ether (TBEE)	9.88	0.50	µg/L	10.0		98.8	70-130	0.806	25	
Carbon Disulfide	12.7	4.0	µg/L	10.0		127	70-130	5.60	25	
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130	4.28	25	
Chlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	0.287	25	
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110	70-130	1.18	25	
Chloroethane	8.15	2.0	µg/L	10.0		81.5	70-130	0.612	25	
Chloroform	10.3	2.0	µg/L	10.0		103	70-130	3.91	25	
Chloromethane	6.84	2.0	µg/L	10.0		68.4	40-160	1.31	25	†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130	0.928	25	
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	0.382	25	
Cyclohexane	11.2	5.0	µg/L	10.0		112	70-130	2.90	25	
1,2-Dibromo-3-chloropropane (DBCP)	11.6	5.0	µg/L	10.0		116	70-130	3.06	25	
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106	70-130	1.71	25	
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130	0.367	25	
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	1.38	25	
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	3.01	25	
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	0.0927	25	
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106	70-130	0.0939	25	
Dichlorodifluoromethane (Freon 12)	5.60	2.0	µg/L	10.0		56.0	40-160	2.47	25	†
1,1-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130	3.52	25	
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	1.29	25	
1,1-Dichloroethylene	9.39	1.0	µg/L	10.0		93.9	70-130	4.98	25	
cis-1,2-Dichloroethylene	9.94	1.0	µg/L	10.0		99.4	70-130	1.79	25	
trans-1,2-Dichloroethylene	11.5	1.0	µg/L	10.0		115	70-130	3.07	25	
1,2-Dichloropropane	10.3	1.0	µg/L	10.0		103	70-130	3.07	25	
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102	70-130	1.09	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170743 - SW-846 5030B										
LCS Dup (B170743-BSD1)										
Prepared & Analyzed: 02/17/17										
2,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	40-130	2.32	25	†
1,1-Dichloropropene	10.4	2.0	µg/L	10.0		104	70-130	2.09	25	
cis-1,3-Dichloropropene	9.72	0.50	µg/L	10.0		97.2	70-130	3.64	25	
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0		101	70-130	2.35	25	
Diethyl Ether	9.66	2.0	µg/L	10.0		96.6	70-130	1.85	25	
Diisopropyl Ether (DIPE)	9.94	0.50	µg/L	10.0		99.4	70-130	2.58	25	
1,4-Dioxane	95.0	50	µg/L	100		95.0	40-130	12.0	50	† ‡
Ethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	0.0962	25	
Hexachlorobutadiene	13.0	0.60	µg/L	10.0		130	70-130	1.31	25	
2-Hexanone (MBK)	103	10	µg/L	100		103	70-160	3.27	25	†
Isopropylbenzene (Cumene)	10.8	1.0	µg/L	10.0		108	70-130	0.186	25	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.0		103	70-130	0.775	25	
Methyl Acetate	11.4	1.0	µg/L	10.0		114	70-130	0.353	25	
Methyl tert-Butyl Ether (MTBE)	9.74	1.0	µg/L	10.0		97.4	70-130	1.33	25	
Methyl Cyclohexane	10.8	1.0	µg/L	10.0		108	70-130	0.185	25	
Methylene Chloride	11.0	5.0	µg/L	10.0		110	70-130	1.97	25	
4-Methyl-2-pentanone (MIBK)	99.6	10	µg/L	100		99.6	70-160	3.09	25	†
Naphthalene	12.6	2.0	µg/L	10.0		126	40-130	1.10	25	V-20 †
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130	0.476	25	
Styrene	10.1	1.0	µg/L	10.0		101	70-130	0.495	25	
1,1,1,2-Tetrachloroethane	10.1	1.0	µg/L	10.0		101	70-130	0.981	25	
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.0		104	70-130	2.43	25	
Tetrachloroethylene	11.3	1.0	µg/L	10.0		113	70-130	1.92	25	
Tetrahydrofuran	10.9	10	µg/L	10.0		109	70-130	1.19	25	
Toluene	10.6	1.0	µg/L	10.0		106	70-130	0.377	25	
1,2,3-Trichlorobenzene	13.2	5.0	µg/L	10.0		132	* 70-130	0.527	25	L-02, V-20
1,2,4-Trichlorobenzene	12.2	1.0	µg/L	10.0		122	70-130	1.30	25	
1,3,5-Trichlorobenzene	11.9	1.0	µg/L	10.0		119	70-130	0.588	25	V-20
1,1,1-Trichloroethane	9.96	1.0	µg/L	10.0		99.6	70-130	0.700	25	
1,1,2-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130	0.280	25	
Trichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	2.17	25	
Trichlorofluoromethane (Freon 11)	9.05	2.0	µg/L	10.0		90.5	70-130	4.01	25	
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.0		102	70-130	2.28	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.72	1.0	µg/L	10.0		97.2	70-130	3.24	25	
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.0		105	70-130	0.00	25	
1,3,5-Trimethylbenzene	9.99	1.0	µg/L	10.0		99.9	70-130	0.200	25	
Vinyl Chloride	7.49	2.0	µg/L	10.0		74.9	40-160	1.72	25	†
m+p Xylene	21.1	2.0	µg/L	20.0		106	70-130	0.0947	25	
o-Xylene	10.3	1.0	µg/L	10.0		103	70-130	0.00	25	
Surrogate: 1,2-Dichloroethane-d4	25.9		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.0		101	70-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170578 - SW-846 3546

Blank (B170578-BLK1)

Prepared: 02/16/17 Analyzed: 02/17/17

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							V-04, V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							V-05
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							V-05
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							V-05
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170578 - SW-846 3546										
Blank (B170578-BLK1)										
Prepared: 02/16/17 Analyzed: 02/17/17										
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	4.67		mg/Kg wet	6.67		70.1	30-130			
Surrogate: Phenol-d6	4.82		mg/Kg wet	6.67		72.3	30-130			
Surrogate: Nitrobenzene-d5	2.29		mg/Kg wet	3.33		68.6	30-130			
Surrogate: 2-Fluorobiphenyl	2.70		mg/Kg wet	3.33		81.2	30-130			
Surrogate: 2,4,6-Tribromophenol	5.87		mg/Kg wet	6.67		88.0	30-130			
Surrogate: p-Terphenyl-d14	2.77		mg/Kg wet	3.33		83.1	30-130			
LCS (B170578-BS1)										
Prepared: 02/16/17 Analyzed: 02/17/17										
Acenaphthene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140			
Acenaphthylene	1.23	0.17	mg/Kg wet	1.67		73.5	40-140			
Acetophenone	1.10	0.34	mg/Kg wet	1.67		65.7	40-140			
Aniline	0.655	0.34	mg/Kg wet	1.67		39.3	10-140			†
Anthracene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140			
Benzidine	0.646	0.66	mg/Kg wet	1.67		38.7	* 40-140			V-05, L-07, V-04
Benzo(a)anthracene	1.25	0.17	mg/Kg wet	1.67		74.7	40-140			
Benzo(a)pyrene	1.16	0.17	mg/Kg wet	1.67		69.4	40-140			
Benzo(b)fluoranthene	1.13	0.17	mg/Kg wet	1.67		67.8	40-140			
Benzo(g,h,i)perylene	0.978	0.17	mg/Kg wet	1.67		58.7	40-140			V-05
Benzo(k)fluoranthene	1.15	0.17	mg/Kg wet	1.67		68.9	40-140			
Benzoic Acid	0.931	1.0	mg/Kg wet	1.67		55.8	30-130			
Bis(2-chloroethoxy)methane	1.14	0.34	mg/Kg wet	1.67		68.1	40-140			
Bis(2-chloroethyl)ether	1.11	0.34	mg/Kg wet	1.67		66.6	40-140			
Bis(2-chloroisopropyl)ether	1.04	0.34	mg/Kg wet	1.67		62.3	40-140			
Bis(2-Ethylhexyl)phthalate	1.14	0.34	mg/Kg wet	1.67		68.7	40-140			
4-Bromophenylphenylether	1.21	0.34	mg/Kg wet	1.67		72.8	40-140			
Butylbenzylphthalate	1.25	0.34	mg/Kg wet	1.67		74.9	40-140			
Carbazole	1.13	0.17	mg/Kg wet	1.67		67.9	40-140			
4-Chloroaniline	0.549	0.66	mg/Kg wet	1.67		32.9	10-140			†
4-Chloro-3-methylphenol	1.12	0.66	mg/Kg wet	1.67		67.1	30-130			
2-Chloronaphthalene	1.11	0.34	mg/Kg wet	1.67		66.4	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170578 - SW-846 3546										
LCS (B170578-BS1)										
					Prepared: 02/16/17 Analyzed: 02/17/17					
2-Chlorophenol	1.11	0.34	mg/Kg wet	1.67		66.4	30-130			
4-Chlorophenylphenylether	1.34	0.34	mg/Kg wet	1.67		80.4	40-140			
Chrysene	1.20	0.17	mg/Kg wet	1.67		71.8	40-140			
Dibenz(a,h)anthracene	0.997	0.17	mg/Kg wet	1.67		59.8	40-140			V-05
Dibenzofuran	1.34	0.34	mg/Kg wet	1.67		80.2	40-140			
Di-n-butylphthalate	1.13	0.34	mg/Kg wet	1.67		68.0	40-140			
1,2-Dichlorobenzene	1.02	0.34	mg/Kg wet	1.67		61.5	40-140			
1,3-Dichlorobenzene	0.988	0.34	mg/Kg wet	1.67		59.3	40-140			
1,4-Dichlorobenzene	0.991	0.34	mg/Kg wet	1.67		59.5	40-140			
3,3-Dichlorobenzidine	0.766	0.17	mg/Kg wet	1.67		46.0	20-140			†
2,4-Dichlorophenol	1.14	0.34	mg/Kg wet	1.67		68.5	30-130			
Diethylphthalate	1.33	0.34	mg/Kg wet	1.67		79.6	40-140			
2,4-Dimethylphenol	1.07	0.34	mg/Kg wet	1.67		64.4	30-130			
Dimethylphthalate	1.32	0.34	mg/Kg wet	1.67		79.1	40-140			
4,6-Dinitro-2-methylphenol	1.12	0.34	mg/Kg wet	1.67		66.9	30-130			
2,4-Dinitrophenol	1.05	0.66	mg/Kg wet	1.67		63.1	30-130			
2,4-Dinitrotoluene	1.38	0.34	mg/Kg wet	1.67		82.6	40-140			
2,6-Dinitrotoluene	1.41	0.34	mg/Kg wet	1.67		84.5	40-140			
Di-n-octylphthalate	1.04	0.34	mg/Kg wet	1.67		62.3	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.20	0.34	mg/Kg wet	1.67		71.7	40-140			
Fluoranthene	1.14	0.17	mg/Kg wet	1.67		68.3	40-140			
Fluorene	1.29	0.17	mg/Kg wet	1.67		77.3	40-140			
Hexachlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.6	40-140			
Hexachlorobutadiene	1.09	0.34	mg/Kg wet	1.67		65.7	40-140			
Hexachlorocyclopentadiene	1.03	0.34	mg/Kg wet	1.67		62.0	40-140			
Hexachloroethane	0.999	0.34	mg/Kg wet	1.67		60.0	40-140			
Indeno(1,2,3-cd)pyrene	1.08	0.17	mg/Kg wet	1.67		64.5	40-140			V-05
Isophorone	1.09	0.34	mg/Kg wet	1.67		65.6	40-140			
1-Methylnaphthalene	1.07	0.17	mg/Kg wet	1.67		63.9	40-140			
2-Methylnaphthalene	1.15	0.17	mg/Kg wet	1.67		69.0	40-140			
2-Methylphenol	1.13	0.34	mg/Kg wet	1.67		67.6	30-130			
3/4-Methylphenol	1.15	0.34	mg/Kg wet	1.67		69.0	30-130			
Naphthalene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140			
2-Nitroaniline	1.30	0.34	mg/Kg wet	1.67		78.1	40-140			
3-Nitroaniline	1.08	0.34	mg/Kg wet	1.67		64.8	30-140			†
4-Nitroaniline	1.29	0.34	mg/Kg wet	1.67		77.6	40-140			
Nitrobenzene	1.08	0.34	mg/Kg wet	1.67		64.6	40-140			
2-Nitrophenol	1.11	0.34	mg/Kg wet	1.67		66.4	30-130			
4-Nitrophenol	1.33	0.66	mg/Kg wet	1.67		79.6	30-130			
N-Nitrosodimethylamine	1.03	0.34	mg/Kg wet	1.67		61.9	40-140			
N-Nitrosodiphenylamine	1.62	0.34	mg/Kg wet	1.67		97.3	40-140			
N-Nitrosodi-n-propylamine	1.10	0.34	mg/Kg wet	1.67		65.8	40-140			
Pentachloronitrobenzene	1.20	0.34	mg/Kg wet	1.67		72.3	40-140			V-16
Pentachlorophenol	0.992	0.34	mg/Kg wet	1.67		59.5	30-130			
Phenanthrene	1.17	0.17	mg/Kg wet	1.67		70.2	40-140			
Phenol	1.10	0.34	mg/Kg wet	1.67		65.7	30-130			
Pyrene	1.30	0.17	mg/Kg wet	1.67		78.3	40-140			
Pyridine	0.708	0.34	mg/Kg wet	1.67		42.5	30-140			†
1,2,4,5-Tetrachlorobenzene	1.26	0.34	mg/Kg wet	1.67		75.6	40-140			
1,2,4-Trichlorobenzene	1.08	0.34	mg/Kg wet	1.67		64.8	40-140			
2,4,5-Trichlorophenol	1.34	0.34	mg/Kg wet	1.67		80.4	30-130			
2,4,6-Trichlorophenol	1.32	0.34	mg/Kg wet	1.67		79.2	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170578 - SW-846 3546

LCS (B170578-BS1)

Prepared: 02/16/17 Analyzed: 02/17/17

Surrogate: 2-Fluorophenol	4.69		mg/Kg wet	6.67		70.4	30-130			
Surrogate: Phenol-d6	4.72		mg/Kg wet	6.67		70.9	30-130			
Surrogate: Nitrobenzene-d5	2.29		mg/Kg wet	3.33		68.7	30-130			
Surrogate: 2-Fluorobiphenyl	2.74		mg/Kg wet	3.33		82.2	30-130			
Surrogate: 2,4,6-Tribromophenol	6.14		mg/Kg wet	6.67		92.1	30-130			
Surrogate: p-Terphenyl-d14	2.81		mg/Kg wet	3.33		84.2	30-130			

LCS Dup (B170578-BSD1)

Prepared: 02/16/17 Analyzed: 02/17/17

Acenaphthene	1.29	0.17	mg/Kg wet	1.67		77.4	40-140	3.47	30	
Acenaphthylene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140	9.38	30	
Acetophenone	1.13	0.34	mg/Kg wet	1.67		67.9	40-140	3.17	30	
Aniline	0.717	0.34	mg/Kg wet	1.67		43.0	10-140	9.04	50	† ‡
Anthracene	1.31	0.17	mg/Kg wet	1.67		78.6	40-140	10.2	30	
Benzidine	0.689	0.66	mg/Kg wet	1.67		41.3	40-140	6.45	30	V-04, V-05
Benzo(a)anthracene	1.36	0.17	mg/Kg wet	1.67		81.5	40-140	8.70	30	
Benzo(a)pyrene	1.28	0.17	mg/Kg wet	1.67		76.6	40-140	9.92	30	
Benzo(b)fluoranthene	1.24	0.17	mg/Kg wet	1.67		74.3	40-140	9.18	30	
Benzo(g,h,i)perylene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140	14.9	30	V-05
Benzo(k)fluoranthene	1.25	0.17	mg/Kg wet	1.67		74.8	40-140	8.15	30	
Benzoic Acid	1.21	1.0	mg/Kg wet	1.67		72.4	30-130	25.8	50	‡
Bis(2-chloroethoxy)methane	1.21	0.34	mg/Kg wet	1.67		72.3	40-140	6.04	30	
Bis(2-chloroethyl)ether	1.14	0.34	mg/Kg wet	1.67		68.4	40-140	2.76	30	
Bis(2-chloroisopropyl)ether	1.07	0.34	mg/Kg wet	1.67		64.1	40-140	2.88	30	
Bis(2-Ethylhexyl)phthalate	1.28	0.34	mg/Kg wet	1.67		76.7	40-140	11.0	30	
4-Bromophenylphenylether	1.32	0.34	mg/Kg wet	1.67		79.0	40-140	8.09	30	
Butylbenzylphthalate	1.37	0.34	mg/Kg wet	1.67		82.3	40-140	9.39	30	
Carbazole	1.28	0.17	mg/Kg wet	1.67		76.6	40-140	12.0	30	
4-Chloroaniline	0.573	0.66	mg/Kg wet	1.67		34.4	10-140	4.34	30	†
4-Chloro-3-methylphenol	1.22	0.66	mg/Kg wet	1.67		73.5	30-130	9.02	30	
2-Chloronaphthalene	1.21	0.34	mg/Kg wet	1.67		72.3	40-140	8.50	30	
2-Chlorophenol	1.13	0.34	mg/Kg wet	1.67		68.0	30-130	2.35	30	
4-Chlorophenylphenylether	1.46	0.34	mg/Kg wet	1.67		87.4	40-140	8.39	30	
Chrysene	1.31	0.17	mg/Kg wet	1.67		78.3	40-140	8.77	30	
Dibenz(a,h)anthracene	1.18	0.17	mg/Kg wet	1.67		71.1	40-140	17.1	30	V-05
Dibenzofuran	1.44	0.34	mg/Kg wet	1.67		86.2	40-140	7.19	30	
Di-n-butylphthalate	1.27	0.34	mg/Kg wet	1.67		76.3	40-140	11.6	30	
1,2-Dichlorobenzene	1.05	0.34	mg/Kg wet	1.67		63.1	40-140	2.66	30	
1,3-Dichlorobenzene	1.01	0.34	mg/Kg wet	1.67		60.4	40-140	1.90	30	
1,4-Dichlorobenzene	1.03	0.34	mg/Kg wet	1.67		61.6	40-140	3.53	30	
3,3-Dichlorobenzidine	0.838	0.17	mg/Kg wet	1.67		50.3	20-140	8.94	50	† ‡
2,4-Dichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.7	30-130	7.29	30	
Diethylphthalate	1.44	0.34	mg/Kg wet	1.67		86.1	40-140	7.89	30	
2,4-Dimethylphenol	1.18	0.34	mg/Kg wet	1.67		70.5	30-130	9.04	30	
Dimethylphthalate	1.45	0.34	mg/Kg wet	1.67		86.9	40-140	9.33	30	
4,6-Dinitro-2-methylphenol	1.32	0.34	mg/Kg wet	1.67		79.1	30-130	16.6	30	
2,4-Dinitrophenol	1.36	0.66	mg/Kg wet	1.67		81.7	30-130	25.7	30	
2,4-Dinitrotoluene	1.53	0.34	mg/Kg wet	1.67		91.7	40-140	10.4	30	
2,6-Dinitrotoluene	1.55	0.34	mg/Kg wet	1.67		93.3	40-140	9.92	30	
Di-n-octylphthalate	1.14	0.34	mg/Kg wet	1.67		68.4	40-140	9.34	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.33	0.34	mg/Kg wet	1.67		79.7	40-140	10.6	30	
Fluoranthene	1.28	0.17	mg/Kg wet	1.67		77.0	40-140	12.1	30	
Fluorene	1.42	0.17	mg/Kg wet	1.67		84.9	40-140	9.37	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170578 - SW-846 3546										
LCS Dup (B170578-BSD1)										
					Prepared: 02/16/17 Analyzed: 02/17/17					
Hexachlorobenzene	1.27	0.34	mg/Kg wet	1.67		76.2	40-140	9.00	30	
Hexachlorobutadiene	1.13	0.34	mg/Kg wet	1.67		67.8	40-140	3.15	30	
Hexachlorocyclopentadiene	1.08	0.34	mg/Kg wet	1.67		64.8	40-140	4.42	30	
Hexachloroethane	1.02	0.34	mg/Kg wet	1.67		61.1	40-140	1.95	30	
Indeno(1,2,3-cd)pyrene	1.26	0.17	mg/Kg wet	1.67		75.4	40-140	15.6	30	V-05
Isophorone	1.17	0.34	mg/Kg wet	1.67		70.3	40-140	6.88	30	
1-Methylnaphthalene	1.14	0.17	mg/Kg wet	1.67		68.4	40-140	6.77	30	
2-Methylnaphthalene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140	5.41	30	
2-Methylphenol	1.19	0.34	mg/Kg wet	1.67		71.4	30-130	5.55	30	
3/4-Methylphenol	1.20	0.34	mg/Kg wet	1.67		72.1	30-130	4.42	30	
Naphthalene	1.11	0.17	mg/Kg wet	1.67		66.6	40-140	4.73	30	
2-Nitroaniline	1.45	0.34	mg/Kg wet	1.67		87.2	40-140	11.0	30	
3-Nitroaniline	1.16	0.34	mg/Kg wet	1.67		69.8	30-140	7.49	30	†
4-Nitroaniline	1.46	0.34	mg/Kg wet	1.67		87.9	40-140	12.5	30	
Nitrobenzene	1.16	0.34	mg/Kg wet	1.67		69.6	40-140	7.33	30	
2-Nitrophenol	1.18	0.34	mg/Kg wet	1.67		70.5	30-130	6.05	30	
4-Nitrophenol	1.50	0.66	mg/Kg wet	1.67		90.3	30-130	12.6	50	‡
N-Nitrosodimethylamine	1.10	0.34	mg/Kg wet	1.67		65.8	40-140	6.17	30	
N-Nitrosodiphenylamine	1.79	0.34	mg/Kg wet	1.67		108	40-140	10.1	30	
N-Nitrosodi-n-propylamine	1.13	0.34	mg/Kg wet	1.67		68.1	40-140	3.38	30	
Pentachloronitrobenzene	1.32	0.34	mg/Kg wet	1.67		79.5	40-140	9.51	30	V-16
Pentachlorophenol	1.12	0.34	mg/Kg wet	1.67		67.3	30-130	12.4	30	
Phenanthrene	1.30	0.17	mg/Kg wet	1.67		77.7	40-140	10.3	30	
Phenol	1.14	0.34	mg/Kg wet	1.67		68.1	30-130	3.56	30	
Pyrene	1.42	0.17	mg/Kg wet	1.67		85.1	40-140	8.42	30	
Pyridine	0.758	0.34	mg/Kg wet	1.67		45.5	30-140	6.82	30	†
1,2,4,5-Tetrachlorobenzene	1.33	0.34	mg/Kg wet	1.67		79.8	40-140	5.35	30	
1,2,4-Trichlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.5	40-140	5.61	30	
2,4,5-Trichlorophenol	1.45	0.34	mg/Kg wet	1.67		86.8	30-130	7.66	30	
2,4,6-Trichlorophenol	1.43	0.34	mg/Kg wet	1.67		85.9	30-130	8.12	30	
Surrogate: 2-Fluorophenol	4.86		mg/Kg wet	6.67		72.9	30-130			
Surrogate: Phenol-d6	4.96		mg/Kg wet	6.67		74.4	30-130			
Surrogate: Nitrobenzene-d5	2.43		mg/Kg wet	3.33		72.9	30-130			
Surrogate: 2-Fluorobiphenyl	2.94		mg/Kg wet	3.33		88.1	30-130			
Surrogate: 2,4,6-Tribromophenol	6.71		mg/Kg wet	6.67		101	30-130			
Surrogate: p-Terphenyl-d14	3.04		mg/Kg wet	3.33		91.2	30-130			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170579 - SW-846 3546

Blank (B170579-BLK1)

Prepared: 02/16/17 Analyzed: 02/20/17

alpha-Chlordane	ND	0.0050	mg/Kg wet							
alpha-Chlordane [2C]	ND	0.0050	mg/Kg wet							
gamma-Chlordane	ND	0.0050	mg/Kg wet							
gamma-Chlordane [2C]	ND	0.0050	mg/Kg wet							
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0020	mg/Kg wet							
Aldrin [2C]	ND	0.0020	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0010	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDE	ND	0.0010	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDT	ND	0.0010	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0010	mg/Kg wet							
Dieldrin	ND	0.0020	mg/Kg wet							
Dieldrin [2C]	ND	0.0020	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0060	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0060	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.183		mg/Kg wet	0.200		91.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.180		mg/Kg wet	0.200		89.8	30-150			
Surrogate: Tetrachloro-m-xylene	0.170		mg/Kg wet	0.200		85.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.178		mg/Kg wet	0.200		89.2	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170579 - SW-846 3546										
LCS (B170579-BS1)										
					Prepared: 02/16/17 Analyzed: 02/20/17					
alpha-Chlordane	0.089	0.0050	mg/Kg wet	0.100		89.0	40-140			
alpha-Chlordane [2C]	0.093	0.0050	mg/Kg wet	0.100		92.7	40-140			
gamma-Chlordane	0.086	0.0050	mg/Kg wet	0.100		86.0	40-140			
gamma-Chlordane [2C]	0.094	0.0050	mg/Kg wet	0.100		94.0	40-140			
Alachlor	0.10	0.020	mg/Kg wet	0.100		103	40-140			
Alachlor [2C]	0.10	0.020	mg/Kg wet	0.100		105	40-140			
Aldrin	0.090	0.0020	mg/Kg wet	0.100		90.0	40-140			
Aldrin [2C]	0.092	0.0020	mg/Kg wet	0.100		92.0	40-140			
alpha-BHC	0.088	0.0050	mg/Kg wet	0.100		88.5	40-140			
alpha-BHC [2C]	0.092	0.0050	mg/Kg wet	0.100		91.7	40-140			
beta-BHC	0.086	0.0050	mg/Kg wet	0.100		85.8	40-140			
beta-BHC [2C]	0.089	0.0050	mg/Kg wet	0.100		89.0	40-140			
delta-BHC	0.070	0.0050	mg/Kg wet	0.100		69.9	40-140			
delta-BHC [2C]	0.072	0.0050	mg/Kg wet	0.100		72.4	40-140			
gamma-BHC (Lindane)	0.089	0.0020	mg/Kg wet	0.100		89.5	40-140			
gamma-BHC (Lindane) [2C]	0.093	0.0020	mg/Kg wet	0.100		93.0	40-140			
4,4'-DDD	0.095	0.0010	mg/Kg wet	0.100		95.0	40-140			
4,4'-DDD [2C]	0.095	0.0010	mg/Kg wet	0.100		94.9	40-140			
4,4'-DDE	0.095	0.0010	mg/Kg wet	0.100		95.0	40-140			
4,4'-DDE [2C]	0.095	0.0010	mg/Kg wet	0.100		94.6	40-140			
4,4'-DDT	0.089	0.0010	mg/Kg wet	0.100		89.4	40-140			
4,4'-DDT [2C]	0.085	0.0010	mg/Kg wet	0.100		85.2	40-140			
Dieldrin	0.089	0.0020	mg/Kg wet	0.100		89.5	40-140			
Dieldrin [2C]	0.088	0.0020	mg/Kg wet	0.100		87.6	40-140			
Endosulfan I	0.088	0.0050	mg/Kg wet	0.100		88.0	40-140			
Endosulfan I [2C]	0.091	0.0050	mg/Kg wet	0.100		91.4	40-140			
Endosulfan II	0.091	0.0080	mg/Kg wet	0.100		90.7	40-140			
Endosulfan II [2C]	0.093	0.0080	mg/Kg wet	0.100		92.8	40-140			
Endosulfan Sulfate	0.092	0.0080	mg/Kg wet	0.100		91.7	40-140			
Endosulfan Sulfate [2C]	0.092	0.0080	mg/Kg wet	0.100		92.3	40-140			
Endrin	0.090	0.0080	mg/Kg wet	0.100		89.8	40-140			
Endrin [2C]	0.092	0.0080	mg/Kg wet	0.100		92.2	40-140			
Endrin Aldehyde	0.088	0.0080	mg/Kg wet	0.100		88.3	40-140			
Endrin Aldehyde [2C]	0.090	0.0080	mg/Kg wet	0.100		89.9	40-140			
Endrin Ketone	0.096	0.0080	mg/Kg wet	0.100		96.4	40-140			
Endrin Ketone [2C]	0.098	0.0080	mg/Kg wet	0.100		97.9	40-140			
Heptachlor	0.086	0.0050	mg/Kg wet	0.100		85.7	40-140			
Heptachlor [2C]	0.091	0.0050	mg/Kg wet	0.100		91.1	40-140			
Heptachlor Epoxide	0.088	0.0050	mg/Kg wet	0.100		87.8	40-140			
Heptachlor Epoxide [2C]	0.089	0.0050	mg/Kg wet	0.100		89.0	40-140			
Hexachlorobenzene	0.085	0.0060	mg/Kg wet	0.100		84.8	40-140			
Hexachlorobenzene [2C]	0.088	0.0060	mg/Kg wet	0.100		88.4	40-140			
Methoxychlor	0.085	0.050	mg/Kg wet	0.100		85.0	40-140			
Methoxychlor [2C]	0.085	0.050	mg/Kg wet	0.100		84.6	40-140			
Surrogate: Decachlorobiphenyl	0.197		mg/Kg wet	0.200		98.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.198		mg/Kg wet	0.200		99.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.179		mg/Kg wet	0.200		89.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.185		mg/Kg wet	0.200		92.4	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170579 - SW-846 3546										
LCS Dup (B170579-BSD1)										
					Prepared: 02/16/17 Analyzed: 02/20/17					
alpha-Chlordane	0.091	0.0050	mg/Kg wet	0.100		91.4	40-140	2.67	30	
alpha-Chlordane [2C]	0.095	0.0050	mg/Kg wet	0.100		95.0	40-140	2.53	30	
gamma-Chlordane	0.088	0.0050	mg/Kg wet	0.100		88.2	40-140	2.54	30	
gamma-Chlordane [2C]	0.096	0.0050	mg/Kg wet	0.100		96.4	40-140	2.53	30	
Alachlor	0.10	0.020	mg/Kg wet	0.100		105	40-140	2.17	30	
Alachlor [2C]	0.10	0.020	mg/Kg wet	0.100		105	40-140	0.0115	30	
Aldrin	0.092	0.0020	mg/Kg wet	0.100		92.2	40-140	2.40	30	
Aldrin [2C]	0.094	0.0020	mg/Kg wet	0.100		93.7	40-140	1.78	30	
alpha-BHC	0.090	0.0050	mg/Kg wet	0.100		90.4	40-140	2.11	30	
alpha-BHC [2C]	0.093	0.0050	mg/Kg wet	0.100		93.3	40-140	1.77	30	
beta-BHC	0.088	0.0050	mg/Kg wet	0.100		87.8	40-140	2.30	30	
beta-BHC [2C]	0.091	0.0050	mg/Kg wet	0.100		91.1	40-140	2.34	30	
delta-BHC	0.075	0.0050	mg/Kg wet	0.100		75.2	40-140	7.31	30	
delta-BHC [2C]	0.078	0.0050	mg/Kg wet	0.100		77.9	40-140	7.32	30	
gamma-BHC (Lindane)	0.092	0.0020	mg/Kg wet	0.100		91.6	40-140	2.38	30	
gamma-BHC (Lindane) [2C]	0.095	0.0020	mg/Kg wet	0.100		95.0	40-140	2.13	30	
4,4'-DDD	0.098	0.0010	mg/Kg wet	0.100		98.1	40-140	3.14	30	
4,4'-DDD [2C]	0.098	0.0010	mg/Kg wet	0.100		97.5	40-140	2.78	30	
4,4'-DDE	0.098	0.0010	mg/Kg wet	0.100		98.0	40-140	3.06	30	
4,4'-DDE [2C]	0.097	0.0010	mg/Kg wet	0.100		97.0	40-140	2.55	30	
4,4'-DDT	0.092	0.0010	mg/Kg wet	0.100		92.5	40-140	3.36	30	
4,4'-DDT [2C]	0.088	0.0010	mg/Kg wet	0.100		88.0	40-140	3.18	30	
Dieldrin	0.092	0.0020	mg/Kg wet	0.100		91.6	40-140	2.39	30	
Dieldrin [2C]	0.089	0.0020	mg/Kg wet	0.100		89.5	40-140	2.13	30	
Endosulfan I	0.090	0.0050	mg/Kg wet	0.100		90.1	40-140	2.29	30	
Endosulfan I [2C]	0.093	0.0050	mg/Kg wet	0.100		93.2	40-140	2.01	30	
Endosulfan II	0.093	0.0080	mg/Kg wet	0.100		93.0	40-140	2.51	30	
Endosulfan II [2C]	0.095	0.0080	mg/Kg wet	0.100		94.8	40-140	2.13	30	
Endosulfan Sulfate	0.094	0.0080	mg/Kg wet	0.100		93.9	40-140	2.45	30	
Endosulfan Sulfate [2C]	0.095	0.0080	mg/Kg wet	0.100		94.6	40-140	2.46	30	
Endrin	0.092	0.0080	mg/Kg wet	0.100		92.2	40-140	2.66	30	
Endrin [2C]	0.094	0.0080	mg/Kg wet	0.100		94.2	40-140	2.16	30	
Endrin Aldehyde	0.090	0.0080	mg/Kg wet	0.100		90.3	40-140	2.18	30	
Endrin Aldehyde [2C]	0.092	0.0080	mg/Kg wet	0.100		91.6	40-140	1.85	30	
Endrin Ketone	0.099	0.0080	mg/Kg wet	0.100		98.7	40-140	2.33	30	
Endrin Ketone [2C]	0.10	0.0080	mg/Kg wet	0.100		100	40-140	2.44	30	
Heptachlor	0.088	0.0050	mg/Kg wet	0.100		87.5	40-140	2.16	30	
Heptachlor [2C]	0.093	0.0050	mg/Kg wet	0.100		92.7	40-140	1.76	30	
Heptachlor Epoxide	0.090	0.0050	mg/Kg wet	0.100		89.6	40-140	2.04	30	
Heptachlor Epoxide [2C]	0.091	0.0050	mg/Kg wet	0.100		91.1	40-140	2.29	30	
Hexachlorobenzene	0.088	0.0060	mg/Kg wet	0.100		87.7	40-140	3.35	30	
Hexachlorobenzene [2C]	0.091	0.0060	mg/Kg wet	0.100		90.8	40-140	2.66	30	
Methoxychlor	0.088	0.050	mg/Kg wet	0.100		88.0	40-140	3.48	30	
Methoxychlor [2C]	0.089	0.050	mg/Kg wet	0.100		88.6	40-140	4.60	30	
Surrogate: Decachlorobiphenyl	0.199		mg/Kg wet	0.200		99.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.199		mg/Kg wet	0.200		99.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.183		mg/Kg wet	0.200		91.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.186		mg/Kg wet	0.200		93.2	30-150			

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170581 - SW-846 3546										
Blank (B170581-BLK1)										
Prepared & Analyzed: 02/16/17										
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.178		mg/Kg wet	0.200		88.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.171		mg/Kg wet	0.200		85.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.170		mg/Kg wet	0.200		85.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.150		mg/Kg wet	0.200		74.8	30-150			
LCS (B170581-BS1)										
Prepared & Analyzed: 02/16/17										
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		88.4	40-140			
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		87.6	40-140			
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		89.7	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		84.0	40-140			
Surrogate: Decachlorobiphenyl	0.203		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.183		mg/Kg wet	0.200		91.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.195		mg/Kg wet	0.200		97.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.176		mg/Kg wet	0.200		88.1	30-150			
LCS Dup (B170581-BSD1)										
Prepared & Analyzed: 02/16/17										
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		87.2	40-140	1.37	30	
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		86.5	40-140	1.25	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		89.0	40-140	0.774	30	
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		84.3	40-140	0.424	30	
Surrogate: Decachlorobiphenyl	0.205		mg/Kg wet	0.200		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.183		mg/Kg wet	0.200		91.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.188		mg/Kg wet	0.200		93.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.170		mg/Kg wet	0.200		84.8	30-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170898 - SW-846 3051

Blank (B170898-BLK1)

Prepared: 02/21/17 Analyzed: 02/22/17

Aluminum	ND	2.5	mg/Kg wet							
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Calcium	ND	7.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Cobalt	ND	2.5	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Iron	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Magnesium	ND	7.5	mg/Kg wet							
Manganese	ND	0.50	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Potassium	ND	100	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Sodium	ND	100	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							

LCS (B170898-BS1)

Prepared: 02/21/17 Analyzed: 02/22/17

Aluminum	5700	5.0	mg/Kg wet	8080		70.6	51.2-148.1			
Antimony	164	5.0	mg/Kg wet	88.2		186	0-210.3			
Arsenic	69.7	5.0	mg/Kg wet	57.0		122	77.8-122.1			
Barium	114	5.0	mg/Kg wet	110		104	82-117.4			
Beryllium	78.4	0.50	mg/Kg wet	67.5		116	82.3-117.7			L-07
Cadmium	83.4	0.50	mg/Kg wet	77.8		107	81.9-118.2			
Calcium	6890	15	mg/Kg wet	6450		107	81.9-118.2			
Chromium	67.5	1.0	mg/Kg wet	65.0		104	78.7-120.6			
Cobalt	63.2	5.0	mg/Kg wet	58.8		108	83-116.7			
Copper	61.4	1.0	mg/Kg wet	56.4		109	80.4-119.6			
Iron	13000	5.0	mg/Kg wet	14700		88.7	46.8-153			
Lead	94.4	1.5	mg/Kg wet	85.6		110	82.4-117.8			
Magnesium	2410	15	mg/Kg wet	2710		89.0	75.5-124.2			
Manganese	273	1.0	mg/Kg wet	273		100	80.8-119.2			
Nickel	66.8	1.0	mg/Kg wet	61.3		109	82.2-117.8			
Potassium	2370	200	mg/Kg wet	2420		97.8	69.9-130.1			
Selenium	88.1	10	mg/Kg wet	78.9		112	77.1-122.3			
Silver	57.3	1.0	mg/Kg wet	54.2		106	74.3-125.4			
Sodium	893	200	mg/Kg wet	914		97.7	69.9-130.5			
Thallium	194	5.0	mg/Kg wet	178		109	78.2-121.6			
Vanadium	57.2	2.0	mg/Kg wet	56.3		102	64.8-135.2			
Zinc	223	2.0	mg/Kg wet	198		112	79.7-120.8			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170898 - SW-846 3051										
LCS Dup (B170898-BSD1)										
					Prepared: 02/21/17 Analyzed: 02/22/17					
Aluminum	5470	5.1	mg/Kg wet	8080		67.7	51.2-148.1	4.16	30	
Antimony	160	5.1	mg/Kg wet	88.2		181	0-210.3	2.68	30	
Arsenic	62.7	5.1	mg/Kg wet	57.0		110	77.8-122.1	10.7	30	
Barium	107	5.1	mg/Kg wet	110		97.3	82-117.4	6.37	30	
Beryllium	89.3	0.51	mg/Kg wet	67.5		132	* 82.3-117.7	13.0	30	L-07
Cadmium	84.4	0.51	mg/Kg wet	77.8		109	81.9-118.2	1.22	30	
Calcium	6680	15	mg/Kg wet	6450		104	81.9-118.2	3.14	30	
Chromium	64.5	1.0	mg/Kg wet	65.0		99.2	78.7-120.6	4.60	30	
Cobalt	62.5	5.1	mg/Kg wet	58.8		106	83-116.7	1.11	30	
Copper	60.7	1.0	mg/Kg wet	56.4		108	80.4-119.6	1.19	30	
Iron	12100	5.1	mg/Kg wet	14700		82.2	46.8-153	7.66	30	
Lead	87.3	1.5	mg/Kg wet	85.6		102	82.4-117.8	7.84	30	
Magnesium	2290	15	mg/Kg wet	2710		84.4	75.5-124.2	5.27	30	
Manganese	265	1.0	mg/Kg wet	273		96.9	80.8-119.2	3.23	30	
Nickel	64.2	1.0	mg/Kg wet	61.3		105	82.2-117.8	3.97	30	
Potassium	2230	200	mg/Kg wet	2420		92.3	69.9-130.1	5.76	30	
Selenium	85.1	10	mg/Kg wet	78.9		108	77.1-122.3	3.51	30	
Silver	56.0	1.0	mg/Kg wet	54.2		103	74.3-125.4	2.39	30	
Sodium	886	200	mg/Kg wet	914		97.0	69.9-130.5	0.775	30	
Thallium	192	5.1	mg/Kg wet	178		108	78.2-121.6	0.545	30	
Vanadium	51.6	2.0	mg/Kg wet	56.3		91.6	64.8-135.2	10.4	30	
Zinc	215	2.0	mg/Kg wet	198		108	79.7-120.8	3.67	30	
Duplicate (B170898-DUP1)										
					Source: 17B0591-07 Prepared: 02/21/17 Analyzed: 02/22/17					
Aluminum	5690	2.8	mg/Kg dry		4700			19.0	35	
Antimony	76.4	2.8	mg/Kg dry		110			35.8	* 35	R-02
Arsenic	24.3	2.8	mg/Kg dry		29.9			20.7	35	
Barium	106	2.8	mg/Kg dry		144			30.6	35	
Beryllium	0.549	0.28	mg/Kg dry		0.464			16.9	35	
Cadmium	ND	0.28	mg/Kg dry		ND			NC	35	
Chromium	27.4	0.56	mg/Kg dry		33.3			19.3	35	
Cobalt	10.1	2.8	mg/Kg dry		12.1			17.6	35	
Copper	162	0.56	mg/Kg dry		196			19.3	35	
Lead	989	0.84	mg/Kg dry		770			24.9	35	
Magnesium	4280	8.4	mg/Kg dry		3770			12.6	35	
Manganese	608	0.56	mg/Kg dry		739			19.6	35	
Nickel	22.8	0.56	mg/Kg dry		24.4			7.15	35	
Potassium	844	110	mg/Kg dry		812			3.90	35	
Selenium	5.11	5.6	mg/Kg dry		4.02			24.0	35	J
Silver	ND	0.56	mg/Kg dry		ND			NC	35	
Sodium	346	110	mg/Kg dry		397			13.8	35	
Thallium	16.0	2.8	mg/Kg dry		17.6			9.88	35	
Vanadium	36.0	1.1	mg/Kg dry		37.9			5.09	35	
Zinc	56.3	1.1	mg/Kg dry		61.9			9.52	35	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170898 - SW-846 3051

MRL Check (B170898-MRL1)

Prepared: 02/21/17 Analyzed: 02/22/17

Lead	0.698	0.74	mg/Kg wet	0.745		93.7	80-120			
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Matrix Spike (B170898-MS1)

Source: 17B0591-07

Prepared: 02/21/17 Analyzed: 02/22/17

Aluminum	4760	2.8	mg/Kg dry	110	4700	50.5	*	75-125		MS-19
Antimony	224	2.8	mg/Kg dry	110	110	104		75-125		
Arsenic	147	2.8	mg/Kg dry	110	29.9	106		75-125		
Barium	233	2.8	mg/Kg dry	110	144	81.4		75-125		
Beryllium	123	0.28	mg/Kg dry	110	0.464	111		75-125		
Cadmium	113	0.28	mg/Kg dry	110	ND	103		75-125		
Chromium	143	0.55	mg/Kg dry	110	33.3	100		75-125		
Cobalt	117	2.8	mg/Kg dry	110	12.1	95.3		75-125		
Copper	311	0.55	mg/Kg dry	110	196	104		75-125		
Lead	1010	0.83	mg/Kg dry	110	770	222	*	75-125		MS-19
Magnesium	4450	8.3	mg/Kg dry	110	3770	615	*	75-125		MS-19
Manganese	800	0.55	mg/Kg dry	110	739	55.4	*	75-125		MS-19
Nickel	128	0.55	mg/Kg dry	110	24.4	94.3		75-125		
Potassium	2200	110	mg/Kg dry	1100	812	126	*	75-125		MS-11
Selenium	120	5.5	mg/Kg dry	110	4.02	106		75-125		
Silver	113	0.55	mg/Kg dry	110	ND	102		75-125		
Sodium	512	110	mg/Kg dry	110	397	105		75-125		
Thallium	122	2.8	mg/Kg dry	110	17.6	94.8		75-125		
Vanadium	146	1.1	mg/Kg dry	110	37.9	98.7		75-125		
Zinc	165	1.1	mg/Kg dry	110	61.9	94.1		75-125		

Batch B170901 - SW-846 7471

Blank (B170901-BLK1)

Prepared: 02/21/17 Analyzed: 02/22/17

Mercury	ND	0.025	mg/Kg wet							
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LCS (B170901-BS1)

Prepared: 02/21/17 Analyzed: 02/22/17

Mercury	11.8	1.9	mg/Kg wet	9.36		126		73.7-126.3		
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LCS Dup (B170901-BSD1)

Prepared: 02/21/17 Analyzed: 02/22/17

Mercury	9.24	1.9	mg/Kg wet	9.36		98.7		73.7-126.3	24.4	30
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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170608 - % Solids										
Duplicate (B170608-DUP2)		Source: 17B0591-01			Prepared: 02/16/17 Analyzed: 02/17/17					
% Solids	78.9		% Wt		77.9			1.28	20	
Batch B170925 - SW-846 9014										
Blank (B170925-BLK1)		Prepared & Analyzed: 02/21/17								
Cyanide	ND	0.44	mg/Kg wet							
LCS (B170925-BS1)		Prepared & Analyzed: 02/21/17								
Cyanide	58	2.4	mg/Kg wet	61.5		94.0	80-120			
LCS Dup (B170925-BSD1)		Prepared & Analyzed: 02/21/17								
Cyanide	62	2.3	mg/Kg wet	61.0		102	80-120	7.10	20	

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170737 - SW-846 3010A

Blank (B170737-BLK1)

Prepared: 02/20/17 Analyzed: 02/21/17

Arsenic	ND	0.010	mg/L							
Barium	ND	0.050	mg/L							
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
Selenium	ND	0.050	mg/L							
Silver	ND	0.0050	mg/L							

LCS (B170737-BS1)

Prepared: 02/20/17 Analyzed: 02/21/17

Arsenic	0.535	0.010	mg/L	0.500		107	80-120			
Barium	0.502	0.050	mg/L	0.500		100	80-120			
Cadmium	0.529	0.0040	mg/L	0.500		106	80-120			
Chromium	0.487	0.010	mg/L	0.500		97.5	80-120			
Lead	0.476	0.010	mg/L	0.500		95.2	80-120			
Selenium	0.598	0.050	mg/L	0.500		120	80-120			
Silver	0.489	0.0050	mg/L	0.500		97.9	80-120			

LCS Dup (B170737-BSD1)

Prepared: 02/20/17 Analyzed: 02/21/17

Arsenic	0.539	0.010	mg/L	0.500		108	80-120	0.644	20	
Barium	0.512	0.050	mg/L	0.500		102	80-120	1.97	20	
Cadmium	0.538	0.0040	mg/L	0.500		108	80-120	1.75	20	
Chromium	0.497	0.010	mg/L	0.500		99.4	80-120	1.94	20	
Lead	0.485	0.010	mg/L	0.500		97.0	80-120	1.81	20	
Selenium	0.595	0.050	mg/L	0.500		119	80-120	0.527	20	
Silver	0.500	0.0050	mg/L	0.500		99.9	80-120	2.11	20	

Matrix Spike (B170737-MS1)

Source: 17B0591-07

Prepared: 02/20/17 Analyzed: 02/21/17

Arsenic	0.548	0.010	mg/L	0.500	ND	110	75-125			
Barium	0.804	0.050	mg/L	0.500	0.310	98.8	75-125			
Cadmium	0.545	0.0040	mg/L	0.500	0.00187	109	75-125			
Chromium	0.489	0.010	mg/L	0.500	0.00724	96.3	75-125			
Lead	0.744	0.010	mg/L	0.500	0.282	92.4	75-125			
Selenium	0.687	0.050	mg/L	0.500	0.123	113	75-125			
Silver	0.482	0.0050	mg/L	0.500	ND	96.4	75-125			

Batch B170740 - SW-846 7470A Prep

Blank (B170740-BLK1)

Prepared: 02/17/17 Analyzed: 02/21/17

Mercury	ND	0.00010	mg/L							
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LCS (B170740-BS1)

Prepared: 02/17/17 Analyzed: 02/21/17

Mercury	0.00201	0.00010	mg/L	0.00200		100	80-120			
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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170740 - SW-846 7470A Prep										
LCS Dup (B170740-BSD1)				Prepared: 02/17/17 Analyzed: 02/21/17						
Mercury	0.00184	0.00010	mg/L	0.00200		91.8	80-120	8.98	20	
Matrix Spike (B170740-MS1)				Source: 17B0591-07 Prepared: 02/17/17 Analyzed: 02/21/17						
Mercury	0.00190	0.00010	mg/L	0.00200	0.0000731	91.4	75-125			

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170735 - SW-846 3010A

Blank (B170735-BLK1)

Prepared: 02/17/17 Analyzed: 02/22/17

Arsenic	ND	0.010	mg/L							
Barium	ND	0.050	mg/L							
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
Selenium	ND	0.050	mg/L							
Silver	ND	0.0050	mg/L							

LCS (B170735-BS1)

Prepared: 02/17/17 Analyzed: 02/22/17

Arsenic	0.506	0.010	mg/L	0.500		101	80-120			
Barium	0.523	0.050	mg/L	0.500		105	80-120			
Cadmium	0.521	0.0040	mg/L	0.500		104	80-120			
Chromium	0.510	0.010	mg/L	0.500		102	80-120			
Lead	0.521	0.010	mg/L	0.500		104	80-120			
Selenium	0.526	0.050	mg/L	0.500		105	80-120			
Silver	0.502	0.0050	mg/L	0.500		100	80-120			

LCS Dup (B170735-BSD1)

Prepared: 02/17/17 Analyzed: 02/22/17

Arsenic	0.501	0.010	mg/L	0.500		100	80-120	1.02	20	
Barium	0.511	0.050	mg/L	0.500		102	80-120	2.25	20	
Cadmium	0.510	0.0040	mg/L	0.500		102	80-120	2.27	20	
Chromium	0.497	0.010	mg/L	0.500		99.5	80-120	2.43	20	
Lead	0.514	0.010	mg/L	0.500		103	80-120	1.36	20	
Selenium	0.525	0.050	mg/L	0.500		105	80-120	0.198	20	
Silver	0.496	0.0050	mg/L	0.500		99.2	80-120	1.14	20	

Matrix Spike (B170735-MS1)

Source: 17B0591-07

Prepared: 02/17/17 Analyzed: 02/22/17

Arsenic	0.530	0.010	mg/L	0.500	ND	106	75-125			
Barium	0.545	0.050	mg/L	0.500	0.0206	105	75-125			
Cadmium	0.530	0.0040	mg/L	0.500	ND	106	75-125			
Chromium	0.513	0.010	mg/L	0.500	ND	103	75-125			
Lead	0.508	0.010	mg/L	0.500	ND	102	75-125			
Selenium	0.478	0.050	mg/L	0.500	ND	95.6	75-125			
Silver	0.438	0.0050	mg/L	0.500	ND	87.6	75-125			

Batch B170741 - SW-846 7470A Prep

Blank (B170741-BLK1)

Prepared: 02/17/17 Analyzed: 02/21/17

Mercury	ND	0.00010	mg/L							
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LCS (B170741-BS1)

Prepared: 02/17/17 Analyzed: 02/21/17

Mercury	0.00188	0.00010	mg/L	0.00200		94.1	80-120			
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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170741 - SW-846 7470A Prep										
LCS Dup (B170741-BSD1)				Prepared: 02/17/17 Analyzed: 02/21/17						
Mercury	0.00206	0.00010	mg/L	0.00200		103	80-120	8.74	20	
Matrix Spike (B170741-MS1)				Source: 17B0591-07 Prepared: 02/17/17 Analyzed: 02/21/17						
Mercury	0.00197	0.00010	mg/L	0.00200	0.000102	93.2	75-125			

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BREAKDOWN REPORT

Lab Sample ID: S013339-PEM1 **Analyzed:** 02/20/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 3.17
Endrin [1] 1.76

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 5.24
Endrin [2] 2.12

BREAKDOWN REPORT

Lab Sample ID: S013382-PEM1 **Analyzed:** 02/22/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 1.47
Endrin [1] 2.44

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 2.39
Endrin [2] 2.63

BREAKDOWN REPORT

Lab Sample ID: S013382-PEM2 **Analyzed:** 02/22/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 2.11
Endrin [1] 2.08

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BREAKDOWN REPORT

Lab Sample ID: S013382-PEM2 Analyzed: 02/22/2017

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	3.21
Endrin [2]	2.46

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LB-16-Comp1-0-2'

SW-846 8081B

Lab Sample ID: 17B0591-01 Date(s) Analyzed: 02/22/2017 02/22/2017
 Instrument ID (1): ECD6 Instrument ID (2): ECD6
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	6.68	-0.03	0.03	0.012	
	2	6.70	-0.03	0.03	0.013	4.7
Aroclor-1254	1	0.00	0.00	0.00	0.95	
	2	0.00	0.00	0.00	1.0	5.4
Aroclor-1260	1	0.00	0.00	0.00	0.20	
	2	0.00	0.00	0.00	0.24	15.7
Dieldrin	1	6.89	-0.03	0.03	0.019	
	2	6.79	-0.03	0.03	0.041	74.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LB-17-Comp1-1-3'

Lab Sample ID: 17B0591-02 Date(s) Analyzed: 02/22/2017 02/22/2017
 Instrument ID (1): ECD6 Instrument ID (2): ECD6
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	6.68	-0.03	0.03	0.0072	
	2	6.71	-0.03	0.03	0.014	64.4
Aroclor-1254	1	0.00	0.00	0.00	0.37	
	2	0.00	0.00	0.00	0.41	11.6
Chlordane	1	0.00	-0.03	0.03	0.050	
	2	0.00	-0.03	0.03	0.042	17.0

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LB-24-Comp1-1-3'

Lab Sample ID: 17B0591-05 Date(s) Analyzed: 02/22/2017 02/22/2017
 Instrument ID (1): ECD6A Instrument ID (2): ECD6B
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	6.68	-0.03	0.03	0.010	
	2	6.71	-0.03	0.03	0.016	43.3
4,4'-DDT	1	7.32	-0.03	0.03	0.0095	
	2	7.35	-0.03	0.03	0.023	83.3
Aroclor-1254	1	0.00	0.00	0.00	0.45	
	2	0.00	0.00	0.00	0.54	17.7
Dieldrin	1	6.89	-0.03	0.03	0.0073	
	2	6.79	-0.03	0.03	0.020	93.5

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LB-19-Comp2-5.4-7'

Lab Sample ID: 17B0591-06 Date(s) Analyzed: 02/22/2017 02/22/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDT	1	7.33	-0.03	0.03	0.0044	
	2	7.35	-0.03	0.03	0.0043	2.5

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS

Lab Sample ID: B170579-BS1 Date(s) Analyzed: 02/20/2017 02/20/2017
 Instrument ID (1): ECD2 Instrument ID (2): ECD2
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.48	-0.03	0.03	0.095	
	2	7.53	-0.03	0.03	0.095	0
4,4'-DDE	1	7.03	-0.03	0.03	0.095	
	2	7.08	-0.03	0.03	0.095	0
4,4'-DDT	1	7.70	-0.03	0.03	0.089	
	2	7.77	-0.03	0.03	0.085	5
Alachlor	1	6.45	-0.03	0.03	0.10	
	2	6.23	-0.03	0.03	0.10	3
Aldrin	1	6.35	-0.03	0.03	0.090	
	2	6.30	-0.03	0.03	0.092	2
alpha-BHC	1	5.61	-0.03	0.03	0.088	
	2	5.56	-0.03	0.03	0.092	4
alpha-Chlordane	1	6.98	-0.03	0.03	0.089	
	2	6.95	-0.03	0.03	0.093	4
beta-BHC	1	5.88	-0.03	0.03	0.086	
	2	5.84	-0.03	0.03	0.089	4
delta-BHC	1	6.00	-0.03	0.03	0.070	
	2	6.04	-0.03	0.03	0.072	3
Dieldrin	1	7.26	-0.03	0.03	0.089	
	2	7.20	-0.03	0.03	0.088	2
Endosulfan I	1	7.08	-0.03	0.03	0.088	
	2	7.00	-0.03	0.03	0.091	3
Endosulfan II	1	7.61	-0.03	0.03	0.091	
	2	7.60	-0.03	0.03	0.093	3
Endosulfan Sulfate	1	8.25	-0.03	0.03	0.092	
	2	8.07	-0.03	0.03	0.092	0
Endrin	1	7.44	-0.03	0.03	0.090	
	2	7.43	-0.03	0.03	0.092	2
Endrin Aldehyde	1	7.94	-0.03	0.03	0.088	
	2	7.86	-0.03	0.03	0.090	2
Endrin Ketone	1	8.43	-0.03	0.03	0.096	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B170579-BS1 Date(s) Analyzed: 02/20/2017 02/20/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	8.43	-0.03	0.03	0.098	2
gamma-BHC (Lindane)	1	5.82	-0.03	0.03	0.089	
	2	5.79	-0.03	0.03	0.093	4
gamma-Chlordane	1	6.88	-0.03	0.03	0.086	
	2	6.85	-0.03	0.03	0.094	9
Heptachlor	1	6.14	-0.03	0.03	0.086	
	2	6.08	-0.03	0.03	0.091	6
Heptachlor Epoxide	1	6.79	-0.03	0.03	0.088	
	2	6.71	-0.03	0.03	0.089	1
Hexachlorobenzene	1	5.50	-0.03	0.03	0.085	
	2	5.47	-0.03	0.03	0.088	4
Methoxychlor	1	8.07	-0.03	0.03	0.085	
	2	8.28	-0.03	0.03	0.085	0

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS Dup

Lab Sample ID: B170579-BSD1 Date(s) Analyzed: 02/20/2017 02/20/2017
 Instrument ID (1): ECD2 Instrument ID (2): ECD2
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.48	-0.03	0.03	0.098	
	2	7.52	-0.03	0.03	0.098	0
4,4'-DDE	1	7.03	-0.03	0.03	0.098	
	2	7.08	-0.03	0.03	0.097	1
4,4'-DDT	1	7.70	-0.03	0.03	0.092	
	2	7.77	-0.03	0.03	0.088	5
Alachlor	1	6.45	-0.03	0.03	0.10	
	2	6.23	-0.03	0.03	0.10	5
Aldrin	1	6.35	-0.03	0.03	0.092	
	2	6.30	-0.03	0.03	0.094	2
alpha-BHC	1	5.61	-0.03	0.03	0.090	
	2	5.56	-0.03	0.03	0.093	3
alpha-Chlordane	1	6.98	-0.03	0.03	0.091	
	2	6.95	-0.03	0.03	0.095	4
beta-BHC	1	5.88	-0.03	0.03	0.088	
	2	5.84	-0.03	0.03	0.091	4
delta-BHC	1	6.00	-0.03	0.03	0.075	
	2	6.04	-0.03	0.03	0.078	4
Dieldrin	1	7.26	-0.03	0.03	0.092	
	2	7.20	-0.03	0.03	0.089	3
Endosulfan I	1	7.08	-0.03	0.03	0.090	
	2	7.00	-0.03	0.03	0.093	3
Endosulfan II	1	7.61	-0.03	0.03	0.093	
	2	7.60	-0.03	0.03	0.095	2
Endosulfan Sulfate	1	8.25	-0.03	0.03	0.094	
	2	8.07	-0.03	0.03	0.095	1
Endrin	1	7.44	-0.03	0.03	0.092	
	2	7.43	-0.03	0.03	0.094	2
Endrin Aldehyde	1	7.94	-0.03	0.03	0.090	
	2	7.86	-0.03	0.03	0.092	2
Endrin Ketone	1	8.43	-0.03	0.03	0.099	

FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
 - † Wide recovery limits established for difficult compound.
 - ‡ Wide RPD limits established for difficult compound.
 - # Data exceeded client recommended or regulatory level
 - ND Not Detected
 - RL Reporting Limit
 - DL Method Detection Limit
 - MCL Maximum Contaminant Level
- Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
- No results have been blank subtracted unless specified in the case narrative section.
- J Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
 - L-02 Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
 - L-07 Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
 - MS-11 Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
 - MS-19 Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
 - P-02 Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.
 - PR-03 Sample preserved in the laboratory, not in the field as required by the method.
 - PR-15 According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
 - R-02 Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
 - R-05 Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
 - V-04 Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
 - V-05 Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
 - V-16 Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
 - V-20 Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 6010C-D in Soil</i>	
Aluminum	CT,NH,NY,ME,VA,NC
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Calcium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Cobalt	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Iron	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Magnesium	CT,NH,NY,ME,VA,NC
Manganese	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Potassium	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Sodium	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
<i>SW-846 6010C-D in Water</i>	
Arsenic	NY,CT,NC,ME,NH,VA
Barium	NY,CT,ME,NC,NH,VA
Cadmium	NY,CT,ME,NC,NH,VA
Chromium	NY,CT,ME,NC,NH,VA
Lead	NY,CT,ME,NC,NH,VA
Selenium	CT,ME,NC,NH,NY,VA
Silver	CT,ME,NC,NH,NY,VA
<i>SW-846 7470A in Water</i>	
Mercury	CT,ME,NC,NH,NY,VA
<i>SW-846 7471B in Soil</i>	
Mercury	CT,NH,NY,NC,ME,VA
<i>SW-846 8081B in Soil</i>	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8081B in Water	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
1,4-Dioxane	NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
<i>SW-846 8260C in Water</i>	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,VA
Bromobenzene	NY
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,VA
Bromoform	CT,NY,ME,NH,VA
Bromomethane	CT,NY,ME,NH,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,ME,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
Carbon Disulfide	CT,NY,ME,NH,VA
Carbon Tetrachloride	CT,NY,ME,NH,VA
Chlorobenzene	CT,NY,ME,NH,VA
Chlorodibromomethane	CT,NY,ME,NH,VA
Chloroethane	CT,NY,ME,NH,VA
Chloroform	CT,NY,ME,NH,VA
Chloromethane	CT,NY,ME,NH,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA
1,1-Dichloroethane	CT,NY,ME,NH,VA
1,2-Dichloroethane	CT,NY,ME,NH,VA
1,1-Dichloroethylene	CT,NY,ME,NH,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA
1,2-Dichloropropane	CT,NY,ME,NH,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA
Diethyl Ether	NY
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
1,4-Dioxane	NY
Ethylbenzene	CT,NY,ME,NH,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA
Tetrachloroethylene	CT,NY,ME,NH,VA
Toluene	CT,NY,ME,NH,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,VA
Trichloroethylene	CT,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,VA
m+p Xylene	CT,ME,NH,VA
o-Xylene	CT,ME,NH,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzidine	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Benzoic Acid	NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachloronitrobenzene	NY,NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
SW-846 9014 in Soil	
Cyanide	NY,CT,NC,ME,NH,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017



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CHAIN OF CUSTODY RECORD

39 Spruce Street
 East Longmeadow, MA 01028

Company Name: L. Ro Engineers Telephone: 716-807-8714

Address: 690 Delaware Ave. Project # 15-029-1054

Attention: Jen Williams Client PO#

Project Location: 683 Northland

Sampled By: Kris Cheney

Project Proposal Provided? (for billing purposes)
 YES NO

DATA DELIVERY (check all that apply)
 FAX EMAIL WEBSITE

Format: EXCEL GIS

Collection: "Enhanced Data Package"

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Code	Conc. Data
		Beginning Date/Time	Ending Date/Time				
1	LB-16-Comp 1-0-2'	2/13/17	0945	X		S	A
2	LB-17-Comp 1-1-3'	2/13/17	1445	X		S	A
3	LB-19-Comp 1-0-5.4'	2/13/17	1000	X		S	A
4	LB-20-Comp 1-0-4'	2/13/17	1045	X		S	A
5	LB-21-Comp 1-1-3'	2/13/17	1515	X		S	A
6	LB-19-Comp 2-5.4-7'	2/13/17	1000	X		S	A
7	LB-21-Comp 1-0-4'	2/13/17	1415	X		S	A
8	LB-22-VOC 1-4-6'	2/13/17	1345	X		S	A
9	LB-22-Comp 1-0-4'	2/13/17	1345	X		S	A
10	LB-23-Comp 1-0-4'	2/13/17	1310	X		S	A

Comments: NYSDEC ASP-B Deliverables

Relinquished by: (signature) [Signature] Date/Time: 2/14/17 1630

Received by: (signature) [Signature] Date/Time: 2/22/17 1517

Inquished by: (signature) [Signature] Date/Time: 2/15/17 1738

Received by: (signature) [Signature] Date/Time: 2/15/17 1738

Turnaround 7-Day 10-Day Other

Require lab approval 24-Hr 48-Hr 72-Hr 4-Day

Detection Limit Requirements: Massachusetts: _____ Connecticut: _____ Other: _____

Is your project MCP or RCP?
 MCP Form Required
 RCP Form Required
 MA State DW Form Required PWSID # _____

Accredited: **NELAC & AIHA-LAP, LLC**
 WBE/DBE Certified

# of Containers	** Preservation	*** Container Code	ANALYSIS REQUESTED										Dissolved Metals <input type="radio"/> Field Filtered <input type="radio"/> Lab to Filter			
			VOCs	SVOCs	Pesticides	PCBs	TAL Metals + CN	RCA Metals (Total)	TCLP Metals	SPLP Metals						
			X	X	X	X	X	X	X	X	X	X	X			
			X	X	X	X	X	X	X	X	X	X	X			
			X	X	X	X	X	X	X	X	X	X	X			
			X	X	X	X	X	X	X	X	X	X	X			
			X	X	X	X	X	X	X	X	X	X	X			
			X	X	X	X	X	X	X	X	X	X	X			

*** Cont. Code:
 A=amber glass
 G=glass
 P=plastic
 ST=sterile
 V=vial
 S=summa can
 T=tetlar bag
 O=Other

** preservation
 I = Iced
 H = HCL
 M = Methanol
 N = Nitric Acid
 S = Sulfuric Acid
 B = Sodium bisulfate
 X = Na hydroxide
 T = Na thiosulfate
 O = Other

*Matrix Code:
 GW= groundwater
 WW= wastewater
 DW= drinking water
 A = air
 S = soil/solid
 SL = sludge
 O = other

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



IMPORTANT!

FedEx is closely monitoring the Oroville Dam spillway in California and the winter storm in the Northeast U.S. [Learn More](#)

FedEx® Tracking

778426732344

Ship date:
Tue 2/14/2017

Actual delivery:
Wed 2/15/2017 9:23 am

Buffalo, NY US

Delivered

EAST LONGMEADOW, MA US

Signed for by: P.BLAKE

Travel History

Date/Time	Activity	Location
2/15/2017 - Wednesday		
9:23 am	Delivered	EAST LONGMEADOW MA
8:07 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:59 am	At local FedEx facility	WINDSOR LOCKS, CT
7:13 am	At destination sort facility	EAST GRANBY, CT
4:30 am	Departed FedEx location	NEWARK, NJ
12:10 am	Arrived at FedEx location	NEWARK, NJ
2/14/2017 - Tuesday		
6:01 pm	Picked up	CHEEKTOWAGA, NY
1:55 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking number	778426732344	Service	FedEx Priority Overnight
Weight	1 lbs / 0.45 kgs	Dimensions	21x15x15 in.
Delivered To	Shipping/Receiving	Total pieces	1
Total shipment weight	1 lbs / 0.45 kgs	Terms	Shipper
Shipper reference	SCA Wildcat IAQ samples	Packaging	Your Packaging
Special handling section	Deliver Weekday	Standard transit	2/15/2017 by 10:30 am



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Sample Receipt Checklist

CLIENT NAME: Libo Engineers RECEIVED BY: ESB DATE: 2/15/17

- 1) Was the chain(s) of custody relinquished and signed? Yes No No COC Incl.
- 2) Does the chain agree with the samples? Yes No
 If not, explain: See Comment
- 3) Are all the samples in good condition? Yes No
 If not, explain:

4) How were the samples received:
 On Ice Direct from Sampling Ambient In Cooler(s)
 Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A
 Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.2°C #4

- 5) Are there Dissolved samples for the lab to filter? Yes No
 Who was notified _____ Date _____ Time _____
- 6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
 Who was notified _____ Date _____ Time _____

7) Location where samples are stored:  Permission to subcontract samples? Yes No
 (Walk-in clients only) if not already approved
 Client Signature: _____

- 8) Do all samples have the proper Acid pH: Yes No N/A
- 9) Do all samples have the proper Base pH: Yes No N/A
- 10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		16 oz amber	3
500 mL Amber		8 oz amber/clear jar	12
250 mL Amber (8oz amber)		4 oz amber/clear jar	10
1 Liter Plastic		2 oz amber/clear jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		SOC Kit	
40 mL Vial - type listed below	2	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Sample LB-24-Compi-1-3' has an 8oz container that has a sample ID of LB-24-comp2-1-3'. I could tell it goes with sample LB-24-Compi-1-3' because the times match.

40 mL vials: # HCl _____ # Methanol _____ Time and Date Frozen: _____
 # Bisulfate _____ # DI Water _____
 # Thiosulfate _____ Unpreserved 2

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

<u>Question</u>	<u>Answer (True/False)</u>		<u>Comment</u>
	T	F/NA	
1) The cooler's custody seal, if present, is intact.		NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T		
3) Samples were received on ice.	T		
4) Cooler Temperature is acceptable.	T		
5) Cooler Temperature is recorded.	T		
6) COC is filled out in ink and legible.	T		
7) COC is filled out with all pertinent information.	T		
8) Field Sampler's name present on COC.	T		
9) There are no discrepancies between the sample IDs on the container and the COC.	F		See comment
10) Samples are received within Holding Time.	T		
11) Sample containers have legible labels.	T		
12) Containers are not broken or leaking.	T		
13) Air Cassettes are not broken/open.		NA	
14) Sample collection date/times are provided.	T		
15) Appropriate sample containers are used.	T		
16) Proper collection media used.	T		
17) No headspace sample bottles are completely filled.	T		
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T		
19) Trip blanks provided if applicable.	T		
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T		
21) Samples do not require splitting or compositing.	T		

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials: EJB

Date/Time:

Date/Time: 2/15/17 9:23

March 1, 2017

Jon Williams
LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209-2202

Project Location: 683 Northland
Client Job Number:
Project Number: 20170105 - Northland Ave., Buffalo, NY
Laboratory Work Order Number: 17B0761

Enclosed are results of analyses for samples received by the laboratory on February 18, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right from the end of the signature.

Aaron L. Benoit
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, NY 14209-2202
 ATTN: Jon Williams

REPORT DATE: 3/1/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 20170105 - Northland Ave., Buffalo, NY

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0761

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LW-01-Comp2-4-10.2'	17B0761-01	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LW-01-VOC2-6-8'	17B0761-02	Soil		SM 2540G SW-846 8260C	
LW-01-VOC1-2-4'	17B0761-03	Soil		SM 2540G SW-846 8260C	
LW-01-Comp1-0-4'	17B0761-04	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LW-02-Comp2-4-9.8'	17B0761-05	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LW-02-Comp1-0-4'	17B0761-06	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8082A SW-846 8270D	
LW-02-VOC1-0-2'	17B0761-07	Soil		SM 2540G SW-846 8260C	
LW-02-VOC2-8-9.8'	17B0761-08	Soil		SM 2540G SW-846 8260C	
LB-25-Comp1-0-2.4'	17B0761-09	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, NY 14209-2202
 ATTN: Jon Williams

REPORT DATE: 3/1/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 20170105 - Northland Ave., Buffalo, NY

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0761

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LW-04-Comp1-0-4.10'	17B0761-10	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LRB-01-2-16-17	17B0761-12	Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332
SW-846 6010C-D

Qualifications:

MS-12

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**Zinc**

B171205-MS1, B171205-MSD1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:**Aluminum**

B171205-MS1, B171205-MSD1

Calcium

B171205-MS1, B171205-MSD1

Iron

B171205-MS1, B171205-MSD1

Magnesium

B171205-MS1, B171205-MSD1

Manganese

B171205-MS1, B171205-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:**Antimony**

B171205-MS1, B171205-MSD1

Barium

B171459-MS2

Sodium

B171205-MS1, B171205-MSD1

MS-23

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:**Lead**

B171459-MS2

R-02

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:**Copper**

B171205-DUP1

Lead

17B0761-01RE1[LW-01-Comp2-4-10.2], B171459-MSD2

Zinc

B171205-DUP1

R-04

Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).

Analyte & Samples(s) Qualified:**Cadmium**

17B0761-01[LW-01-Comp2-4-10.2], B171205-DUP1

SW-846 8081B

Qualifications:

DL-03

Elevated reporting limit due to matrix.

Analyte & Samples(s) Qualified:

17B0761-10[LW-04-Comp1-0-4.10']

SW-846 8082A

Qualifications:**MS-21**

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:**Aroclor-1016 [2C]**

B170789-MSD1

Aroclor-1260

B170789-MS1, B170789-MSD1

Aroclor-1260 [2C]

B170789-MS1, B170789-MSD1

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:**Decachlorobiphenyl**

17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8']

Decachlorobiphenyl [2C]

17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8']

Tetrachloro-m-xylene

17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8']

Tetrachloro-m-xylene [2C]

17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8']

SW-846 8260C

Qualifications:**B-01**

Methylene chloride is a common laboratory contaminant.

Analyte & Samples(s) Qualified:**Methylene Chloride**

17B0761-09[LB-25-Comp1-0-2.4'], 17B0761-10[LW-04-Comp1-0-4.10']

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**Carbon Disulfide**

B170824-BS1, B170824-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

Methyl Acetate

B170824-BS1, B170824-BSD1, B170829-BS1, B170829-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

trans-1,2-Dichloroethylene

B170824-BS1, B170824-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Bromochloromethane**

B170829-BSD1

Bromomethane

B170824-BS1, B171017-BS1

Cyclohexane

B170824-BS1, B171017-BS1

PR-03

Sample preserved in the laboratory, not in the field as required by the method.

Analyte & Samples(s) Qualified:

17B0761-03[LW-01-VOC1-2-4'], 17B0761-07[LW-02-VOC1-0-2'], 17B0761-08[LW-02-VOC2-8-9.8'], 17B0761-09[LB-25-Comp1-0-2.4'],
17B0761-10[LW-04-Comp1-0-4.10']

PR-15

According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.

Analyte & Samples(s) Qualified:

17B0761-03[LW-01-VOC1-2-4'], 17B0761-07[LW-02-VOC1-0-2'], 17B0761-08[LW-02-VOC2-8-9.8'], 17B0761-09[LB-25-Comp1-0-2.4'],
17B0761-10[LW-04-Comp1-0-4.10']

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**2,2-Dichloropropane**

17B0761-03[LW-01-VOC1-2-4'], 17B0761-07[LW-02-VOC1-0-2'], 17B0761-08[LW-02-VOC2-8-9.8'], 17B0761-09[LB-25-Comp1-0-2.4'],
17B0761-10[LW-04-Comp1-0-4.10'], B170829-BLK1, B170829-BS1, B170829-BSD1

Methyl tert-Butyl Ether (MTBE)

17B0761-03[LW-01-VOC1-2-4'], 17B0761-07[LW-02-VOC1-0-2'], 17B0761-08[LW-02-VOC2-8-9.8'], 17B0761-09[LB-25-Comp1-0-2.4'],
17B0761-10[LW-04-Comp1-0-4.10'], B170829-BLK1, B170829-BS1, B170829-BSD1

tert-Butyl Alcohol (TBA)

17B0761-03[LW-01-VOC1-2-4'], 17B0761-07[LW-02-VOC1-0-2'], 17B0761-08[LW-02-VOC2-8-9.8'], 17B0761-09[LB-25-Comp1-0-2.4'],
17B0761-10[LW-04-Comp1-0-4.10'], B170829-BLK1, B170829-BS1, B170829-BSD1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**2-Butanone (MEK)**

B170824-BS1, B170824-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

2-Hexanone (MBK)

B170829-BS1, B170829-BSD1

4-Methyl-2-pentanone (MIBK)

B170829-BS1, B170829-BSD1

Acrylonitrile

B170824-BS1, B170824-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

Bromochloromethane

B170824-BS1, B170824-BSD1, B170829-BS1, B170829-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

Carbon Disulfide

B170824-BS1, B170824-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

Cyclohexane

B170824-BS1, B170824-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

Methyl Acetate

B170824-BS1, B170824-BSD1, B170829-BS1, B170829-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

Methylene Chloride

B170824-BS1, B170824-BSD1, B171017-BS1, B171017-BSD1, S013387-CCV1, S013389-CCV1

SW-846 8270D**Qualifications:****L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Benzidine**

17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1

L-07A

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:**Benzidine**

B170805-BS1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**3,3-Dichlorobenzidine**

17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1

Benzidine

17B0761-01[LW-01-Comp2-4-10.2'], 17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8'], 17B0761-06[LW-02-Comp1-0-4'], 17B0761-09[LB-25-Comp1-0-2.4'], 17B0761-10[LW-04-Comp1-0-4.10'], 17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1, B170805-BLK1, B170805-BS1, B170805-BSD1

S-07

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:**2,4,6-Tribromophenol**

B170795-BS1, B170795-BSD1

V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

Analyte & Samples(s) Qualified:**Benzidine**

17B0761-01[LW-01-Comp2-4-10.2'], 17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8'], 17B0761-06[LW-02-Comp1-0-4'], 17B0761-09[LB-25-Comp1-0-2.4'], 17B0761-10[LW-04-Comp1-0-4.10'], 17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1, B170805-BLK1, B170805-BS1, B170805-BSD1

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**

17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1

Aniline

17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1

Benzidine

17B0761-01[LW-01-Comp2-4-10.2'], 17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8'], 17B0761-06[LW-02-Comp1-0-4'], 17B0761-09[LB-25-Comp1-0-2.4'], 17B0761-10[LW-04-Comp1-0-4.10'], 17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1, B170805-BLK1, B170805-BS1, B170805-BSD1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**Pentachloronitrobenzene**

17B0761-01[LW-01-Comp2-4-10.2'], 17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8'], 17B0761-06[LW-02-Comp1-0-4'], 17B0761-09[LB-25-Comp1-0-2.4'], 17B0761-10[LW-04-Comp1-0-4.10'], 17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1, B170805-BLK1, B170805-BS1, B170805-BSD1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**Bis(2-chloroethyl)ether**

17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1

Bis(2-chloroisopropyl)ether

17B0761-01[LW-01-Comp2-4-10.2'], 17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8'], 17B0761-06[LW-02-Comp1-0-4'], B170805-BLK1, B170805-BS1, B170805-BSD1

Bis(2-Ethylhexyl)phthalate

17B0761-12[LRB-01-2-16-17], B170795-BLK1, B170795-BS1, B170795-BSD1

N-Nitrosodimethylamine

17B0761-01[LW-01-Comp2-4-10.2'], 17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8'], 17B0761-06[LW-02-Comp1-0-4'], B170805-BLK1, B170805-BS1, B170805-BSD1

N-Nitrosodiphenylamine

17B0761-01[LW-01-Comp2-4-10.2'], 17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8'], 17B0761-06[LW-02-Comp1-0-4'], B170805-BLK1, B170805-BS1, B170805-BSD1

Pyridine

17B0761-01[LW-01-Comp2-4-10.2'], 17B0761-04[LW-01-Comp1-0-4'], 17B0761-05[LW-02-Comp2-4-9.8'], 17B0761-06[LW-02-Comp1-0-4'], B170805-BLK1, B170805-BS1, B170805-BSD1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Lisa A. Worthington", is written over a light gray rectangular background.

Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp2-4-10.2'

Sampled: 2/16/2017 09:45

Sample ID: 17B0761-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.41	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Aniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Anthracene	0.72	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Benzidine	ND	0.80	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Benzo(a)anthracene	1.7	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Benzo(a)pyrene	1.6	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Benzo(b)fluoranthene	1.7	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Benzo(g,h,i)perylene	1.7	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Benzo(k)fluoranthene	0.59	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Butylbenzylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
4-Chloroaniline	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
4-Chloro-3-methylphenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
4-Chlorophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Chrysene	2.3	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Dibenzofuran	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Dimethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
4,6-Dinitro-2-methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2,4-Dinitrophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Di-n-octylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Fluoranthene	3.1	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Fluorene	0.53	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp2-4-10.2'

Sampled: 2/16/2017 09:45

Sample ID: 17B0761-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Hexachlorocyclopentadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Hexachloroethane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Indeno(1,2,3-cd)pyrene	1.3	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
1-Methylnaphthalene	0.59	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2-Methylnaphthalene	0.59	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Naphthalene	0.52	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
3-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
4-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Nitrobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
4-Nitrophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
N-Nitrosodimethylamine	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 18:33	BGL
N-Nitrosodiphenylamine	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 18:33	BGL
N-Nitrosodi-n-propylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Pentachloronitrobenzene	ND	0.41	mg/Kg dry	1	V-16	SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Pentachlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Phenanthrene	3.3	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Pyrene	2.8	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Pyridine	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 18:33	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 18:33	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		36.5	30-130					2/23/17 18:33	
Phenol-d6		37.9	30-130					2/23/17 18:33	
Nitrobenzene-d5		39.3	30-130					2/23/17 18:33	
2-Fluorobiphenyl		95.3	30-130					2/23/17 18:33	
2,4,6-Tribromophenol		41.6	30-130					2/23/17 18:33	
p-Terphenyl-d14		124	30-130					2/23/17 18:33	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp2-4-10.2'

Sampled: 2/16/2017 09:45

Sample ID: 17B0761-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Aroclor-1254 [1]	1.1	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	2/18/17	2/21/17 10:54	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		69.6	30-150					2/21/17 10:54	
Decachlorobiphenyl [2]		62.1	30-150					2/21/17 10:54	
Tetrachloro-m-xylene [1]		80.3	30-150					2/21/17 10:54	
Tetrachloro-m-xylene [2]		72.7	30-150					2/21/17 10:54	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp2-4-10.2'

Sampled: 2/16/2017 09:45

Sample ID: 17B0761-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:16	SHN
Barium	230	2.8		mg/Kg dry	1		SW-846 6010C-D	2/28/17	3/1/17 12:44	QNW
Cadmium	1.4	0.29		mg/Kg dry	1	R-04	SW-846 6010C-D	2/24/17	2/24/17 21:16	SHN
Chromium	150	0.59		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:16	SHN
Lead	140	0.85		mg/Kg dry	1	R-02	SW-846 6010C-D	2/28/17	3/1/17 12:44	QNW
Mercury	0.13	0.029		mg/Kg dry	1		SW-846 7471B	2/23/17	2/24/17 8:58	TJK
Selenium	5.6	5.9	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/24/17	2/24/17 21:16	SHN
Silver	ND	0.59		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:16	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp2-4-10.2'

Sampled: 2/16/2017 09:45

Sample ID: 17B0761-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.8		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-VOC2-6-8'

Sampled: 2/16/2017 09:45

Sample ID: 17B0761-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	3.5	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Acrylonitrile	ND	0.35	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Benzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Bromobenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Bromochloromethane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Bromodichloromethane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Bromoform	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Bromomethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
2-Butanone (MEK)	ND	1.4	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
tert-Butyl Alcohol (TBA)	ND	1.4	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
n-Butylbenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
sec-Butylbenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
tert-Butylbenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Carbon Disulfide	ND	0.21	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Carbon Tetrachloride	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Chlorobenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Chlorodibromomethane	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Chloroethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Chloroform	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Chloromethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
2-Chlorotoluene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
4-Chlorotoluene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Cyclohexane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.35	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2-Dibromoethane (EDB)	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Dibromomethane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2-Dichlorobenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,3-Dichlorobenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,4-Dichlorobenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
trans-1,4-Dichloro-2-butene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,1-Dichloroethane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2-Dichloroethane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,1-Dichloroethylene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
cis-1,2-Dichloroethylene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
trans-1,2-Dichloroethylene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2-Dichloropropane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,3-Dichloropropane	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
2,2-Dichloropropane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,1-Dichloropropene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
cis-1,3-Dichloropropene	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
trans-1,3-Dichloropropene	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-VOC2-6-8'

Sampled: 2/16/2017 09:45

Sample ID: 17B0761-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Diisopropyl Ether (DIPE)	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,4-Dioxane	ND	3.5	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Ethylbenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Hexachlorobutadiene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
2-Hexanone (MBK)	ND	0.70	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Isopropylbenzene (Cumene)	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Methyl Acetate	ND	0.70	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Methyl Cyclohexane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Methylene Chloride	ND	0.35	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
4-Methyl-2-pentanone (MIBK)	ND	0.70	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Naphthalene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
n-Propylbenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Styrene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,1,1,2-Tetrachloroethane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,1,2,2-Tetrachloroethane	ND	0.035	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Tetrachloroethylene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Tetrahydrofuran	ND	0.70	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Toluene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2,3-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2,4-Trichlorobenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,3,5-Trichlorobenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,1,1-Trichloroethane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,1,2-Trichloroethane	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Trichloroethylene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Trichlorofluoromethane (Freon 11)	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2,3-Trichloropropane	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,2,4-Trimethylbenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
1,3,5-Trimethylbenzene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Vinyl Chloride	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
m+p Xylene	ND	0.14	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
o-Xylene	ND	0.070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:40	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		111	70-130					2/23/17 9:40	
Toluene-d8		105	70-130					2/23/17 9:40	
4-Bromofluorobenzene		105	70-130					2/23/17 9:40	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-VOC2-6-8'

Sampled: 2/16/2017 09:45

Sample ID: 17B0761-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-VOC1-2-4'

Sampled: 2/16/2017 09:15

Sample ID: 17B0761-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Acrylonitrile	ND	0.0062	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Benzene	0.0037	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 10:12	MFF
n-Butylbenzene	0.0069	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
sec-Butylbenzene	0.010	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Carbon Disulfide	0.018	0.0062	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Chlorodibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2-Dibromoethane (EDB)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-VOC1-2-4'

Sampled: 2/16/2017 09:15

Sample ID: 17B0761-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Ethylbenzene	0.051	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Isopropylbenzene (Cumene)	0.0050	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
p-Isopropyltoluene (p-Cymene)	0.0068	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Methyl Acetate	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Methyl Cyclohexane	0.76	0.066	mg/Kg dry	1		SW-846 8260C	2/20/17	2/23/17 9:12	LBD
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Naphthalene	0.014	0.0041	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
n-Propylbenzene	0.0056	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Toluene	0.028	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2,3-Trichlorobenzene	0.0048	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,2,4-Trimethylbenzene	0.054	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
1,3,5-Trimethylbenzene	0.014	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
m+p Xylene	0.11	0.0041	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF
o-Xylene	0.016	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	114	70-130	2/23/17 9:12
1,2-Dichloroethane-d4	103	70-130	2/20/17 10:12
Toluene-d8	105	70-130	2/23/17 9:12
Toluene-d8	96.2	70-130	2/20/17 10:12
4-Bromofluorobenzene	105	70-130	2/23/17 9:12
4-Bromofluorobenzene	89.5	70-130	2/20/17 10:12

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-VOC1-2-4'

Sampled: 2/16/2017 09:15

Sample ID: 17B0761-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp1-0-4'

Sampled: 2/16/2017 09:15

Sample ID: 17B0761-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Acenaphthylene	ND	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Acetophenone	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Aniline	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Anthracene	0.54	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Benzidine	ND	1.5	mg/Kg dry	2	R-05, V-04, V-05	SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Benzo(a)anthracene	1.6	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Benzo(a)pyrene	1.4	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Benzo(b)fluoranthene	2.0	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Benzo(g,h,i)perylene	1.3	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Benzo(k)fluoranthene	0.75	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Benzoic Acid	ND	2.2	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Bis(2-chloroethoxy)methane	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Bis(2-chloroethyl)ether	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Bis(2-chloroisopropyl)ether	ND	0.76	mg/Kg dry	2	V-20	SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
4-Bromophenylphenylether	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Butylbenzylphthalate	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Carbazole	0.38	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
4-Chloro-3-methylphenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2-Chloronaphthalene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2-Chlorophenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
4-Chlorophenylphenylether	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Chrysene	1.9	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Dibenz(a,h)anthracene	ND	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Dibenzofuran	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Di-n-butylphthalate	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
1,2-Dichlorobenzene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
1,3-Dichlorobenzene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
1,4-Dichlorobenzene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
3,3-Dichlorobenzidine	ND	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2,4-Dichlorophenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Diethylphthalate	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2,4-Dimethylphenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Dimethylphthalate	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
4,6-Dinitro-2-methylphenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2,4-Dinitrotoluene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2,6-Dinitrotoluene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Di-n-octylphthalate	1.5	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Fluoranthene	5.4	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Fluorene	0.46	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp1-0-4'

Sampled: 2/16/2017 09:15

Sample ID: 17B0761-04

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Hexachlorobutadiene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Hexachlorocyclopentadiene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Hexachloroethane	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Indeno(1,2,3-cd)pyrene	1.4	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Isophorone	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
1-Methylnaphthalene	ND	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2-Methylnaphthalene	ND	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2-Methylphenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
3/4-Methylphenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Naphthalene	ND	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2-Nitroaniline	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
3-Nitroaniline	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
4-Nitroaniline	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Nitrobenzene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2-Nitrophenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
N-Nitrosodimethylamine	ND	0.76	mg/Kg dry	2	V-20	SW-846 8270D	2/20/17	2/23/17 18:55	BGL
N-Nitrosodiphenylamine	ND	0.76	mg/Kg dry	2	V-20	SW-846 8270D	2/20/17	2/23/17 18:55	BGL
N-Nitrosodi-n-propylamine	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Pentachloronitrobenzene	ND	0.76	mg/Kg dry	2	V-16	SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Pentachlorophenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Phenanthrene	3.5	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Phenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Pyrene	4.3	0.38	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
Pyridine	ND	0.76	mg/Kg dry	2	V-20	SW-846 8270D	2/20/17	2/23/17 18:55	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
1,2,4-Trichlorobenzene	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2,4,5-Trichlorophenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL
2,4,6-Trichlorophenol	ND	0.76	mg/Kg dry	2		SW-846 8270D	2/20/17	2/23/17 18:55	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	59.2	30-130	2/23/17 18:55
Phenol-d6	68.2	30-130	2/23/17 18:55
Nitrobenzene-d5	50.8	30-130	2/23/17 18:55
2-Fluorobiphenyl	69.2	30-130	2/23/17 18:55
2,4,6-Tribromophenol	40.4	30-130	2/23/17 18:55
p-Terphenyl-d14	69.1	30-130	2/23/17 18:55

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp1-0-4'

Sampled: 2/16/2017 09:15

Sample ID: 17B0761-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Aroclor-1254 [1]	13	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Aroclor-1260 [2]	2.8	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:11	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/21/17 11:11	
Decachlorobiphenyl [2]		*	30-150		S-01			2/21/17 11:11	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/21/17 11:11	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/21/17 11:11	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp1-0-4'

Sampled: 2/16/2017 09:15

Sample ID: 17B0761-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.8	2.8		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:21	SHN
Barium	74	2.8		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:21	SHN
Cadmium	1.3	0.28		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:21	SHN
Chromium	660	0.56		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:21	SHN
Lead	72	0.84		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:21	SHN
Mercury	0.029	0.028		mg/Kg dry	1		SW-846 7471B	2/23/17	2/24/17 9:07	TJK
Selenium	7.7	5.6	1.3	mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:21	SHN
Silver	ND	0.56		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:21	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-01-Comp1-0-4'

Sampled: 2/16/2017 09:15

Sample ID: 17B0761-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp2-4-9.8'

Sampled: 2/16/2017 11:45

Sample ID: 17B0761-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Aniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Benzidine	ND	0.80	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Benzo(a)anthracene	0.36	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Benzo(a)pyrene	0.31	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Benzo(b)fluoranthene	0.43	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Benzo(g,h,i)perylene	0.35	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Butylbenzylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
4-Chloroaniline	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
4-Chloro-3-methylphenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
4-Chlorophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Chrysene	0.36	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Dibenzofuran	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Dimethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
4,6-Dinitro-2-methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2,4-Dinitrophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Di-n-octylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Fluoranthene	0.97	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp2-4-9.8'

Sampled: 2/16/2017 11:45

Sample ID: 17B0761-05

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Hexachlorocyclopentadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Hexachloroethane	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Indeno(1,2,3-cd)pyrene	0.30	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2-Methylnaphthalene	0.26	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Naphthalene	0.33	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
3-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
4-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Nitrobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
4-Nitrophenol	ND	0.80	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
N-Nitrosodimethylamine	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 19:18	BGL
N-Nitrosodiphenylamine	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 19:18	BGL
N-Nitrosodi-n-propylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Pentachloronitrobenzene	ND	0.41	mg/Kg dry	1	V-16	SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Pentachlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Phenanthrene	0.61	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Pyrene	0.99	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Pyridine	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 19:18	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:18	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		69.9	30-130					2/23/17 19:18	
Phenol-d6		70.7	30-130					2/23/17 19:18	
Nitrobenzene-d5		45.1	30-130					2/23/17 19:18	
2-Fluorobiphenyl		75.1	30-130					2/23/17 19:18	
2,4,6-Tribromophenol		61.1	30-130					2/23/17 19:18	
p-Terphenyl-d14		75.6	30-130					2/23/17 19:18	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp2-4-9.8'

Sampled: 2/16/2017 11:45

Sample ID: 17B0761-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Aroclor-1254 [1]	7.7	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Aroclor-1260 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	2/18/17	2/21/17 11:29	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		*	30-150		S-01			2/21/17 11:29	
Decachlorobiphenyl [2]		*	30-150		S-01			2/21/17 11:29	
Tetrachloro-m-xylene [1]		*	30-150		S-01			2/21/17 11:29	
Tetrachloro-m-xylene [2]		*	30-150		S-01			2/21/17 11:29	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp2-4-9.8'

Sampled: 2/16/2017 11:45

Sample ID: 17B0761-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.0	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:26	SHN
Barium	190	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:26	SHN
Cadmium	1.4	0.30		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:26	SHN
Chromium	140	0.61		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:26	SHN
Lead	170	0.91		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:26	SHN
Mercury	0.048	0.030		mg/Kg dry	1		SW-846 7471B	2/23/17	2/24/17 9:08	TJK
Selenium	7.3	6.1	1.4	mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:26	SHN
Silver	ND	0.61		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:26	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp2-4-9.8'

Sampled: 2/16/2017 11:45

Sample ID: 17B0761-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.1		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp1-0-4'

Sampled: 2/16/2017 11:30

Sample ID: 17B0761-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Benzidine	ND	0.72	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Benzo(a)anthracene	0.61	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Benzo(a)pyrene	0.81	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Benzo(b)fluoranthene	1.0	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Benzo(g,h,i)perylene	0.92	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Benzo(k)fluoranthene	0.37	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Bis(2-Ethylhexyl)phthalate	0.66	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Chrysene	0.58	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Fluoranthene	1.1	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp1-0-4'

Sampled: 2/16/2017 11:30

Sample ID: 17B0761-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Indeno(1,2,3-cd)pyrene	0.89	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 19:41	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 19:41	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Phenanthrene	0.61	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Pyrene	1.7	0.19	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Pyridine	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	2/20/17	2/23/17 19:41	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	2/20/17	2/23/17 19:41	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		77.2	30-130					2/23/17 19:41	
Phenol-d6		75.7	30-130					2/23/17 19:41	
Nitrobenzene-d5		67.1	30-130					2/23/17 19:41	
2-Fluorobiphenyl		90.2	30-130					2/23/17 19:41	
2,4,6-Tribromophenol		69.7	30-130					2/23/17 19:41	
p-Terphenyl-d14		83.3	30-130					2/23/17 19:41	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp1-0-4'

Sampled: 2/16/2017 11:30

Sample ID: 17B0761-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Aroclor-1221 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Aroclor-1232 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Aroclor-1242 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Aroclor-1248 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Aroclor-1254 [1]	4.4	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Aroclor-1260 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Aroclor-1262 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Aroclor-1268 [1]	ND	0.55	mg/Kg dry	25		SW-846 8082A	2/18/17	2/21/17 11:47	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		94.8	30-150					2/21/17 11:47	
Decachlorobiphenyl [2]		102	30-150					2/21/17 11:47	
Tetrachloro-m-xylene [1]		97.9	30-150					2/21/17 11:47	
Tetrachloro-m-xylene [2]		117	30-150					2/21/17 11:47	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp1-0-4'

Sampled: 2/16/2017 11:30

Sample ID: 17B0761-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.0	2.7		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:31	SHN
Barium	140	2.7		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:31	SHN
Cadmium	1.5	0.27		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:31	SHN
Chromium	140	0.54		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:31	SHN
Lead	130	0.82		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:31	SHN
Mercury	0.031	0.027		mg/Kg dry	1		SW-846 7471B	2/23/17	2/24/17 9:10	TJK
Selenium	ND	5.4	1.2	mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:31	SHN
Silver	ND	0.54		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:31	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-Comp1-0-4'

Sampled: 2/16/2017 11:30

Sample ID: 17B0761-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.4		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-VOC1-0-2'

Sampled: 2/16/2017 11:30

Sample ID: 17B0761-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Acrylonitrile	ND	0.0057	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Bromomethane	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
tert-Butyl Alcohol (TBA)	ND	0.038	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 10:39	MFF
n-Butylbenzene	0.0024	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Carbon Disulfide	ND	0.0057	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Chlorodibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Chloromethane	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2-Dibromoethane (EDB)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,3-Dichloropropane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
cis-1,3-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
trans-1,3-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-VOC1-0-2'

Sampled: 2/16/2017 11:30

Sample ID: 17B0761-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,4-Dioxane	ND	0.096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Ethylbenzene	0.014	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
p-Isopropyltoluene (p-Cymene)	0.0024	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Methyl Acetate	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Methyl Cyclohexane	0.0035	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Naphthalene	0.0069	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
n-Propylbenzene	0.0022	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,1,2,2-Tetrachloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Tetrahydrofuran	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Toluene	0.011	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,2,4-Trimethylbenzene	0.035	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
1,3,5-Trimethylbenzene	0.011	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Vinyl Chloride	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
m+p Xylene	0.033	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
o-Xylene	0.0040	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 10:39	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.0	70-130					2/20/17 10:39	
Toluene-d8		97.6	70-130					2/20/17 10:39	
4-Bromofluorobenzene		88.3	70-130					2/20/17 10:39	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-VOC1-0-2'

Sampled: 2/16/2017 11:30

Sample ID: 17B0761-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-VOC2-8-9.8'

Sampled: 2/16/2017 11:45

Sample ID: 17B0761-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Acrylonitrile	ND	0.0063	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:06	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
sec-Butylbenzene	0.0035	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Chlorodibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2-Dibromoethane (EDB)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-VOC2-8-9.8'

Sampled: 2/16/2017 11:45

Sample ID: 17B0761-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Ethylbenzene	0.0078	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Isopropylbenzene (Cumene)	0.0037	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Methyl Acetate	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Methyl Cyclohexane	0.0027	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Naphthalene	0.0067	0.0042	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Toluene	0.0064	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,2,4-Trimethylbenzene	0.011	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
1,3,5-Trimethylbenzene	0.0027	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
m+p Xylene	0.075	0.0042	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
o-Xylene	0.0032	0.0021	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:06	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		102	70-130					2/20/17 11:06	
Toluene-d8		97.6	70-130					2/20/17 11:06	
4-Bromofluorobenzene		89.4	70-130					2/20/17 11:06	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-02-VOC2-8-9.8'

Sampled: 2/16/2017 11:45

Sample ID: 17B0761-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.8		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LB-25-Comp1-0-2.4'

Sampled: 2/15/2017 11:45

Sample ID: 17B0761-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Acrylonitrile	ND	0.0070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Benzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Bromobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Bromochloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Bromodichloromethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Bromoform	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
2-Butanone (MEK)	ND	0.047	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
tert-Butyl Alcohol (TBA)	ND	0.047	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:32	MFF
n-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
sec-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
tert-Butylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Carbon Disulfide	ND	0.0070	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Carbon Tetrachloride	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Chlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Chlorodibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Chloroethane	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
2-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
4-Chlorotoluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2-Dibromoethane (EDB)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Dibromomethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,3-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,4-Dichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,1-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2-Dichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
cis-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
trans-1,2-Dichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2-Dichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
2,2-Dichloropropane	ND	0.0023	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,1-Dichloropropene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Diethyl Ether	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LB-25-Comp1-0-2.4'

Sampled: 2/15/2017 11:45

Sample ID: 17B0761-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Ethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Hexachlorobutadiene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
2-Hexanone (MBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Isopropylbenzene (Cumene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Methyl Acetate	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Methyl Cyclohexane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Methylene Chloride	0.051	0.023	mg/Kg dry	1	B-01	SW-846 8260C	2/20/17	2/20/17 11:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
n-Propylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Styrene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Tetrachloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Toluene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2,3-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2,4-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,3,5-Trichlorobenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,1,1-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,1,2-Trichloroethane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Trichloroethylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2,3-Trichloropropane	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,2,4-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
1,3,5-Trimethylbenzene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
m+p Xylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
o-Xylene	ND	0.0023	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:32	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		101	70-130					2/20/17 11:32	
Toluene-d8		98.6	70-130					2/20/17 11:32	
4-Bromofluorobenzene		94.6	70-130					2/20/17 11:32	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LB-25-Comp1-0-2.4'

Sampled: 2/15/2017 11:45

Sample ID: 17B0761-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Aniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Benzidine	ND	0.81	mg/Kg dry	1	R-05, V-04, V-05	SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Benzo(a)anthracene	0.24	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Benzo(a)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Benzo(b)fluoranthene	0.33	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
4-Chloroaniline	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
4-Chloro-3-methylphenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Chrysene	0.28	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2,4-Dinitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Fluoranthene	0.64	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LB-25-Comp1-0-2.4'

Sampled: 2/15/2017 11:45

Sample ID: 17B0761-09

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
4-Nitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Phenanthrene	0.69	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Pyrene	0.57	0.21	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/20/17	2/28/17 14:16	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	52.1	30-130	
Phenol-d6	54.2	30-130	
Nitrobenzene-d5	48.0	30-130	
2-Fluorobiphenyl	49.4	30-130	
2,4,6-Tribromophenol	31.9	30-130	
p-Terphenyl-d14	57.2	30-130	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LB-25-Comp1-0-2.4'

Sampled: 2/15/2017 11:45

Sample ID: 17B0761-09

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.024		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Aldrin [1]	ND	0.0024		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
alpha-BHC [1]	ND	0.0061		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
beta-BHC [1]	ND	0.0061		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
delta-BHC [1]	ND	0.0061		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
gamma-BHC (Lindane) [1]	ND	0.0024		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Chlordane [1]	ND	0.024		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
4,4'-DDD [1]	ND	0.0012		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
4,4'-DDE [1]	ND	0.0012		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
4,4'-DDT [1]	ND	0.0012		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Dieldrin [1]	ND	0.0024		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Endosulfan I [1]	ND	0.0061		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Endosulfan II [1]	ND	0.0098		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Endosulfan sulfate [1]	ND	0.0098		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Endrin [1]	ND	0.0098		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Endrin aldehyde [1]	ND	0.0098		mg/Kg dry	1		SW-846 8081B	2/18/17	2/22/17 17:47	JMB
Endrin ketone [1]	ND	0.0098		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Heptachlor [1]	ND	0.0061		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Heptachlor epoxide [1]	ND	0.0061		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Hexachlorobenzene [1]	ND	0.0073		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Methoxychlor [1]	ND	0.061		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Toxaphene [1]	ND	0.12		mg/Kg dry	1		SW-846 8081B	2/18/17	2/23/17 0:04	JMB
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		80.5		30-150					2/23/17 0:04	
Decachlorobiphenyl [2]		81.7		30-150					2/23/17 0:04	
Tetrachloro-m-xylene [1]		83.5		30-150					2/23/17 0:04	
Tetrachloro-m-xylene [2]		76.3		30-150					2/23/17 0:04	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LB-25-Comp1-0-2.4'

Sampled: 2/15/2017 11:45

Sample ID: 17B0761-09

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Aroclor-1221 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Aroclor-1232 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Aroclor-1242 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Aroclor-1248 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Aroclor-1254 [2]	0.038	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Aroclor-1260 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Aroclor-1262 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Aroclor-1268 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:04	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		84.4	30-150					2/21/17 12:04	
Decachlorobiphenyl [2]		77.1	30-150					2/21/17 12:04	
Tetrachloro-m-xylene [1]		92.4	30-150					2/21/17 12:04	
Tetrachloro-m-xylene [2]		79.4	30-150					2/21/17 12:04	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LB-25-Comp1-0-2.4'

Sampled: 2/15/2017 11:45

Sample ID: 17B0761-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	12000	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Antimony	ND	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Arsenic	9.4	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Barium	100	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Beryllium	0.87	0.30		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Cadmium	0.86	0.30		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Calcium	26000	9.1		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Chromium	18	0.60		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Cobalt	9.5	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Copper	14	0.60		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Iron	21000	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Lead	30	0.91		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Magnesium	6700	9.1		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Manganese	1500	0.60		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Mercury	0.059	0.030		mg/Kg dry	1		SW-846 7471B	2/23/17	2/24/17 9:11	TJK
Nickel	15	0.60		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Potassium	980	120		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Selenium	ND	6.0	1.4	mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Silver	ND	0.60		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Sodium	140	120		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Thallium	ND	3.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Vanadium	26	1.2		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN
Zinc	61	1.2		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:36	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LB-25-Comp1-0-2.4'

Sampled: 2/15/2017 11:45

Sample ID: 17B0761-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	3.2	0.59	mg/Kg dry	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM
% Solids	81.8		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-04-Comp1-0-4.10'

Sampled: 2/15/2017 14:00

Sample ID: 17B0761-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Acrylonitrile	ND	0.0058	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Bromomethane	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
tert-Butyl Alcohol (TBA)	ND	0.038	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:59	MFF
n-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Carbon Disulfide	ND	0.0058	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Chlorodibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Chloromethane	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2-Dibromoethane (EDB)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,3-Dichloropropane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
cis-1,3-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
trans-1,3-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-04-Comp1-0-4.10'

Sampled: 2/15/2017 14:00

Sample ID: 17B0761-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,4-Dioxane	ND	0.096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Methyl Acetate	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1	V-05	SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Methyl Cyclohexane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Methylene Chloride	0.042	0.019	mg/Kg dry	1	B-01	SW-846 8260C	2/20/17	2/20/17 11:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Naphthalene	0.0081	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,1,2,2-Tetrachloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Tetrahydrofuran	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Vinyl Chloride	ND	0.0096	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
m+p Xylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	2/20/17	2/20/17 11:59	MFF
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		104	70-130					2/20/17 11:59	
Toluene-d8		96.4	70-130					2/20/17 11:59	
4-Bromofluorobenzene		94.3	70-130					2/20/17 11:59	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-04-Comp1-0-4.10'

Sampled: 2/15/2017 14:00

Sample ID: 17B0761-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	4.1	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Acenaphthylene	ND	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Acetophenone	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Aniline	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Anthracene	4.8	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Benzidine	ND	3.6	mg/Kg dry	5	V-04, V-05, R-05	SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Benzo(a)anthracene	13	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Benzo(a)pyrene	12	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Benzo(b)fluoranthene	17	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Benzo(g,h,i)perylene	8.0	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Benzo(k)fluoranthene	6.4	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Benzoic Acid	ND	5.5	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Bis(2-chloroethoxy)methane	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Bis(2-chloroethyl)ether	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Bis(2-chloroisopropyl)ether	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
4-Bromophenylphenylether	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Butylbenzylphthalate	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Carbazole	5.6	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
4-Chloroaniline	ND	3.6	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
4-Chloro-3-methylphenol	ND	3.6	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2-Chloronaphthalene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2-Chlorophenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
4-Chlorophenylphenylether	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Chrysene	15	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Dibenz(a,h)anthracene	1.8	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Dibenzofuran	3.1	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Di-n-butylphthalate	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
1,2-Dichlorobenzene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
1,3-Dichlorobenzene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
1,4-Dichlorobenzene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
3,3-Dichlorobenzidine	ND	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2,4-Dichlorophenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Diethylphthalate	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2,4-Dimethylphenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Dimethylphthalate	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
4,6-Dinitro-2-methylphenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2,4-Dinitrophenol	ND	3.6	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2,4-Dinitrotoluene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2,6-Dinitrotoluene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Di-n-octylphthalate	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Fluoranthene	46	9.3	mg/Kg dry	50		SW-846 8270D	2/20/17	2/28/17 15:01	BGL
Fluorene	4.8	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-04-Comp1-0-4.10'

Sampled: 2/15/2017 14:00

Sample ID: 17B0761-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Hexachlorobutadiene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Hexachlorocyclopentadiene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Hexachloroethane	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Indeno(1,2,3-cd)pyrene	8.4	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Isophorone	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
1-Methylnaphthalene	ND	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2-Methylnaphthalene	ND	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2-Methylphenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
3/4-Methylphenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Naphthalene	ND	0.93	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2-Nitroaniline	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
3-Nitroaniline	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
4-Nitroaniline	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Nitrobenzene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2-Nitrophenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
4-Nitrophenol	ND	3.6	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
N-Nitrosodimethylamine	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
N-Nitrosodiphenylamine	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
N-Nitrosodi-n-propylamine	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Pentachloronitrobenzene	ND	1.9	mg/Kg dry	5	V-16	SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Pentachlorophenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Phenanthrene	45	9.3	mg/Kg dry	50		SW-846 8270D	2/20/17	2/28/17 15:01	BGL
Phenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Pyrene	36	9.3	mg/Kg dry	50		SW-846 8270D	2/20/17	2/28/17 15:01	BGL
Pyridine	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
1,2,4-Trichlorobenzene	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2,4,5-Trichlorophenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
2,4,6-Trichlorophenol	ND	1.9	mg/Kg dry	5		SW-846 8270D	2/20/17	2/28/17 14:38	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		50.6	30-130					2/28/17 14:38	
Phenol-d6		53.8	30-130					2/28/17 14:38	
Nitrobenzene-d5		53.7	30-130					2/28/17 14:38	
2-Fluorobiphenyl		57.0	30-130					2/28/17 14:38	
2,4,6-Tribromophenol		31.8	30-130					2/28/17 14:38	
p-Terphenyl-d14		60.5	30-130					2/28/17 14:38	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-04-Comp1-0-4.10'

Sampled: 2/15/2017 14:00

Sample ID: 17B0761-10

Sample Matrix: Soil

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Aldrin [1]	ND	0.021		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
alpha-BHC [1]	ND	0.054		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
beta-BHC [1]	ND	0.054		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
delta-BHC [1]	ND	0.054		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
gamma-BHC (Lindane) [1]	ND	0.021		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Chlordane [1]	ND	0.21		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
4,4'-DDD [1]	ND	0.011		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
4,4'-DDE [1]	ND	0.011		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
4,4'-DDT [1]	ND	0.011		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Dieldrin [1]	ND	0.021		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Endosulfan I [1]	ND	0.054		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Endosulfan II [1]	ND	0.086		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Endosulfan sulfate [1]	ND	0.086		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Endrin [1]	ND	0.086		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Endrin aldehyde [1]	ND	0.086		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Endrin ketone [1]	ND	0.086		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Heptachlor [1]	ND	0.054		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Heptachlor epoxide [1]	ND	0.054		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Hexachlorobenzene [1]	ND	0.064		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Methoxychlor [1]	ND	0.54		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Toxaphene [1]	ND	1.1		mg/Kg dry	10		SW-846 8081B	2/18/17	2/22/17 18:14	JMB
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		75.8		30-150					2/22/17 18:14	
Decachlorobiphenyl [2]		84.3		30-150					2/22/17 18:14	
Tetrachloro-m-xylene [1]		82.6		30-150					2/22/17 18:14	
Tetrachloro-m-xylene [2]		77.0		30-150					2/22/17 18:14	

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-04-Comp1-0-4.10'

Sampled: 2/15/2017 14:00

Sample ID: 17B0761-10

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Aroclor-1254 [1]	0.051	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/18/17	2/21/17 12:22	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	77.9		30-150				2/21/17 12:22		
Decachlorobiphenyl [2]	72.6		30-150				2/21/17 12:22		
Tetrachloro-m-xylene [1]	85.7		30-150				2/21/17 12:22		
Tetrachloro-m-xylene [2]	67.6		30-150				2/21/17 12:22		

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-04-Comp1-0-4.10'

Sampled: 2/15/2017 14:00

Sample ID: 17B0761-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	5000	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Antimony	ND	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Arsenic	4.3	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Barium	190	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Beryllium	0.62	0.25		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Cadmium	0.72	0.25		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Calcium	130000	7.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Chromium	20	0.50		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Cobalt	3.4	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Copper	19	0.50		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Iron	11000	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Lead	80	0.76		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Magnesium	10000	7.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Manganese	380	0.50		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Mercury	0.030	0.027		mg/Kg dry	1		SW-846 7471B	2/23/17	2/24/17 9:12	TJK
Nickel	13	0.50		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Potassium	830	100		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Selenium	10	5.0	1.1	mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Silver	ND	0.50		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Sodium	170	100		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Thallium	ND	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Vanadium	13	1.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN
Zinc	120	1.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 21:41	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LW-04-Comp1-0-4.10'

Sampled: 2/15/2017 14:00

Sample ID: 17B0761-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	1.6	0.51	mg/Kg dry	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM
% Solids	91.3		% Wt	1		SM 2540G	2/20/17	2/21/17 10:57	EC

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LRB-01-2-16-17

Sampled: 2/16/2017 00:00

Sample ID: 17B0761-12

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LRB-01-2-16-17

Sampled: 2/16/2017 00:00

Sample ID: 17B0761-12

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Methyl Acetate	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	2/22/17	2/23/17 5:12	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		115	70-130					2/23/17 5:12	
Toluene-d8		105	70-130					2/23/17 5:12	
4-Bromofluorobenzene		99.0	70-130					2/23/17 5:12	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LRB-01-2-16-17

Sampled: 2/16/2017 00:00

Sample ID: 17B0761-12

Sample Matrix: Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Benzidine	ND	20	µg/L	1	L-04, R-05, V-04, V-05	SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1	V-20	SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1	V-20	SW-846 8270D	2/19/17	2/22/17 13:02	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1	R-05	SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LRB-01-2-16-17

Sampled: 2/16/2017 00:00

Sample ID: 17B0761-12

Sample Matrix: Water

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/19/17	2/22/17 13:02	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	50.0	15-110	2/22/17 13:02
Phenol-d6	35.5	15-110	2/22/17 13:02
Nitrobenzene-d5	79.0	30-130	2/22/17 13:02
2-Fluorobiphenyl	91.4	30-130	2/22/17 13:02
2,4,6-Tribromophenol	93.5	15-110	2/22/17 13:02
p-Terphenyl-d14	91.2	30-130	2/22/17 13:02

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LRB-01-2-16-17

Sampled: 2/16/2017 00:00

Sample ID: 17B0761-12

Sample Matrix: Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Chlordane [2]	ND	0.20	0.11	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	2/19/17	2/23/17 13:36	PJG
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		42.2	30-150						2/23/17 13:36	
Decachlorobiphenyl [2]		45.5	30-150						2/23/17 13:36	
Tetrachloro-m-xylene [1]		85.4	30-150						2/23/17 13:36	
Tetrachloro-m-xylene [2]		84.3	30-150						2/23/17 13:36	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LRB-01-2-16-17

Sampled: 2/16/2017 00:00

Sample ID: 17B0761-12

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/19/17	2/21/17 12:28	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		54.7	30-150					2/21/17 12:28	
Decachlorobiphenyl [2]		53.3	30-150					2/21/17 12:28	
Tetrachloro-m-xylene [1]		96.7	30-150					2/21/17 12:28	
Tetrachloro-m-xylene [2]		89.3	30-150					2/21/17 12:28	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LRB-01-2-16-17

Sampled: 2/16/2017 00:00

Sample ID: 17B0761-12

Sample Matrix: Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Antimony	ND	0.050		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Arsenic	ND	0.010		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Barium	ND	0.050		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Beryllium	ND	0.0040		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Cadmium	ND	0.0040		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Calcium	ND	0.15		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Chromium	ND	0.010		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Cobalt	ND	0.050		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Copper	ND	0.010		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Iron	ND	0.050		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Lead	ND	0.010		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Magnesium	ND	0.15		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Manganese	ND	0.010		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Mercury	0.00013	0.00010		mg/L	1		SW-846 7470A	2/24/17	2/27/17 8:49	TJK
Nickel	ND	0.010		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Potassium	ND	2.0		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Selenium	ND	0.050		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Silver	ND	0.0050		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Sodium	ND	2.0		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Thallium	ND	0.050		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Vanadium	ND	0.010		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN
Zinc	ND	0.020		mg/L	1		SW-846 6010C-D	2/23/17	2/24/17 12:36	SHN

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Project Location: 683 Northland

Sample Description:

Work Order: 17B0761

Date Received: 2/18/2017

Field Sample #: LRB-01-2-16-17

Sampled: 2/16/2017 00:00

Sample ID: 17B0761-12

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	2/21/17	2/21/17 20:05	DJM

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17B0761-01 [LW-01-Comp2-4-10.2']	B170823	02/20/17
17B0761-02 [LW-01-VOC2-6-8']	B170823	02/20/17
17B0761-03 [LW-01-VOC1-2-4']	B170823	02/20/17
17B0761-04 [LW-01-Comp1-0-4']	B170823	02/20/17
17B0761-05 [LW-02-Comp2-4-9.8']	B170823	02/20/17
17B0761-06 [LW-02-Comp1-0-4']	B170823	02/20/17
17B0761-07 [LW-02-VOC1-0-2']	B170823	02/20/17
17B0761-08 [LW-02-VOC2-8-9.8']	B170823	02/20/17
17B0761-09 [LB-25-Comp1-0-2.4']	B170823	02/20/17
17B0761-10 [LW-04-Comp1-0-4.10']	B170823	02/20/17

Prep Method: SW-846 3051-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0761-01 [LW-01-Comp2-4-10.2']	B171205	1.03	50.0	02/24/17
17B0761-04 [LW-01-Comp1-0-4']	B171205	1.00	50.0	02/24/17
17B0761-05 [LW-02-Comp2-4-9.8']	B171205	0.999	50.0	02/24/17
17B0761-06 [LW-02-Comp1-0-4']	B171205	1.00	50.0	02/24/17
17B0761-09 [LB-25-Comp1-0-2.4']	B171205	1.01	50.0	02/24/17
17B0761-10 [LW-04-Comp1-0-4.10']	B171205	1.09	50.0	02/24/17

Prep Method: SW-846 3051-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0761-01RE1 [LW-01-Comp2-4-10.2']	B171459	1.06	50.0	02/28/17

Prep Method: SW-846 3005A-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0761-12 [LRB-01-2-16-17]	B171093	50.0	50.0	02/23/17

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0761-12 [LRB-01-2-16-17]	B171271	6.00	6.00	02/24/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0761-01 [LW-01-Comp2-4-10.2']	B171137	0.616	50.0	02/23/17
17B0761-04 [LW-01-Comp1-0-4']	B171137	0.609	50.0	02/23/17
17B0761-05 [LW-02-Comp2-4-9.8']	B171137	0.607	50.0	02/23/17
17B0761-06 [LW-02-Comp1-0-4']	B171137	0.606	50.0	02/23/17
17B0761-09 [LB-25-Comp1-0-2.4']	B171137	0.604	50.0	02/23/17
17B0761-10 [LW-04-Comp1-0-4.10']	B171137	0.601	50.0	02/23/17

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0761-09 [LB-25-Comp1-0-2.4']	B170788	10.0	10.0	02/18/17
17B0761-10 [LW-04-Comp1-0-4.10']	B170788	10.2	10.0	02/18/17

Prep Method: SW-846 3510C-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0761-12 [LRB-01-2-16-17]	B170785	1000	10.0	02/19/17

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0761-01 [LW-01-Comp2-4-10.2']	B170789	10.2	10.0	02/18/17
17B0761-04 [LW-01-Comp1-0-4']	B170789	10.0	10.0	02/18/17
17B0761-05 [LW-02-Comp2-4-9.8']	B170789	10.3	10.0	02/18/17
17B0761-06 [LW-02-Comp1-0-4']	B170789	10.0	10.0	02/18/17
17B0761-09 [LB-25-Comp1-0-2.4']	B170789	10.0	10.0	02/18/17
17B0761-10 [LW-04-Comp1-0-4.10']	B170789	10.2	10.0	02/18/17

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0761-12 [LRB-01-2-16-17]	B170787	1000	10.0	02/19/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
17B0761-02 [LW-01-VOC2-6-8']	B170824	14.6	17.2	1	50	02/20/17
17B0761-03RE1 [LW-01-VOC1-2-4']	B170824	14.7	16.9	1	50	02/20/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0761-03 [LW-01-VOC1-2-4']	B170829	5.54	10.0	02/20/17
17B0761-07 [LW-02-VOC1-0-2']	B170829	5.73	10.0	02/20/17
17B0761-08 [LW-02-VOC2-8-9.8']	B170829	5.72	10.0	02/20/17
17B0761-09 [LB-25-Comp1-0-2.4']	B170829	5.23	10.0	02/20/17
17B0761-10 [LW-04-Comp1-0-4.10']	B170829	5.69	10.0	02/20/17

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0761-12 [LRB-01-2-16-17]	B171017	5	5.00	02/22/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0761-01 [LW-01-Comp2-4-10.2']	B170805	30.0	1.00	02/20/17
17B0761-04 [LW-01-Comp1-0-4']	B170805	30.0	1.00	02/20/17
17B0761-05 [LW-02-Comp2-4-9.8']	B170805	30.0	1.00	02/20/17
17B0761-06 [LW-02-Comp1-0-4']	B170805	30.0	1.00	02/20/17
17B0761-09 [LB-25-Comp1-0-2.4']	B170805	30.0	1.00	02/20/17
17B0761-10 [LW-04-Comp1-0-4.10']	B170805	30.0	1.00	02/20/17
17B0761-10RE1 [LW-04-Comp1-0-4.10']	B170805	30.0	1.00	02/20/17

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0761-12 [LRB-01-2-16-17]	B170795	1000	1.00	02/19/17

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0761-09 [LB-25-Comp1-0-2.4']	B171052	1.04	50.0	02/21/17
17B0761-10 [LW-04-Comp1-0-4.10']	B171052	1.07	50.0	02/21/17

SW-846 9014

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0761-12 [LRB-01-2-16-17]	B170926	50.0	50.0	02/21/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170824 - SW-846 5035										
Blank (B170824-BLK1)										
					Prepared: 02/20/17 Analyzed: 02/23/17					
Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
Cyclohexane	ND	0.0010	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170824 - SW-846 5035

Blank (B170824-BLK1)

Prepared: 02/20/17 Analyzed: 02/23/17

Methyl Acetate	ND	0.50	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methyl Cyclohexane	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.50	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0284		mg/Kg wet	0.0250		114	70-130			
Surrogate: Toluene-d8	0.0264		mg/Kg wet	0.0250		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.0243		mg/Kg wet	0.0250		97.3	70-130			

LCS (B170824-BS1)

Prepared: 02/20/17 Analyzed: 02/23/17

Acetone	0.124	0.057	mg/Kg wet	0.113		109	70-160			†
Acrylonitrile	0.0137	0.0057	mg/Kg wet	0.0113		121	70-130			V-20
tert-Amyl Methyl Ether (TAME)	0.0120	0.00057	mg/Kg wet	0.0113		106	70-130			
Benzene	0.0136	0.0011	mg/Kg wet	0.0113		120	70-130			
Bromobenzene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
Bromochloromethane	0.0144	0.0011	mg/Kg wet	0.0113		127	70-130			V-20
Bromodichloromethane	0.0136	0.0011	mg/Kg wet	0.0113		120	70-130			
Bromoform	0.0113	0.0011	mg/Kg wet	0.0113		99.3	70-130			
Bromomethane	0.00431	0.0023	mg/Kg wet	0.0113		38.0	* 40-130			L-07 †
2-Butanone (MEK)	0.126	0.023	mg/Kg wet	0.113		112	70-160			V-20 †
tert-Butyl Alcohol (TBA)	0.0814	0.023	mg/Kg wet	0.113		71.8	40-130			†
n-Butylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
sec-Butylbenzene	0.0122	0.0011	mg/Kg wet	0.0113		107	70-130			
tert-Butylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0125	0.00057	mg/Kg wet	0.0113		110	70-130			
Carbon Disulfide	0.0163	0.0034	mg/Kg wet	0.0113		144	* 70-130			L-02, V-20
Carbon Tetrachloride	0.0136	0.0011	mg/Kg wet	0.0113		120	70-130			
Chlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
Chlorodibromomethane	0.0134	0.00057	mg/Kg wet	0.0113		118	70-130			
Chloroethane	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170824 - SW-846 5035										
LCS (B170824-BS1)										
					Prepared: 02/20/17 Analyzed: 02/23/17					
Chloroform	0.0138	0.0023	mg/Kg wet	0.0113		122	70-130			
Chloromethane	0.00827	0.0023	mg/Kg wet	0.0113		73.0	70-130			
2-Chlorotoluene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130			
4-Chlorotoluene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
Cyclohexane	0.0148	0.0011	mg/Kg wet	0.0113		131 *	70-130			L-07, V-20
1,2-Dibromo-3-chloropropane (DBCP)	0.0122	0.0057	mg/Kg wet	0.0113		108	70-130			
1,2-Dibromoethane (EDB)	0.0130	0.00057	mg/Kg wet	0.0113		115	70-130			
Dibromomethane	0.0135	0.0011	mg/Kg wet	0.0113		119	70-130			
1,2-Dichlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
1,3-Dichlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
1,4-Dichlorobenzene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130			
trans-1,4-Dichloro-2-butene	0.00964	0.0023	mg/Kg wet	0.0113		85.1	70-130			
Dichlorodifluoromethane (Freon 12)	0.00828	0.0023	mg/Kg wet	0.0113		73.1	40-160			†
1,1-Dichloroethane	0.0137	0.0011	mg/Kg wet	0.0113		121	70-130			
1,2-Dichloroethane	0.0132	0.0011	mg/Kg wet	0.0113		116	70-130			
1,1-Dichloroethylene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130			
cis-1,2-Dichloroethylene	0.0126	0.0011	mg/Kg wet	0.0113		112	70-130			
trans-1,2-Dichloroethylene	0.0151	0.0011	mg/Kg wet	0.0113		134 *	70-130			L-02
1,2-Dichloropropane	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130			
1,3-Dichloropropane	0.0125	0.00057	mg/Kg wet	0.0113		110	70-130			
2,2-Dichloropropane	0.0101	0.0011	mg/Kg wet	0.0113		89.5	70-130			
1,1-Dichloropropene	0.0139	0.0023	mg/Kg wet	0.0113		123	70-130			
cis-1,3-Dichloropropene	0.0114	0.00057	mg/Kg wet	0.0113		100	70-130			
trans-1,3-Dichloropropene	0.0117	0.00057	mg/Kg wet	0.0113		103	70-130			
Diethyl Ether	0.0131	0.0023	mg/Kg wet	0.0113		116	70-130			
Diisopropyl Ether (DIPE)	0.0129	0.00057	mg/Kg wet	0.0113		114	70-130			
1,4-Dioxane	0.114	0.057	mg/Kg wet	0.113		100	40-160			†
Ethylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
Hexachlorobutadiene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-160			
2-Hexanone (MBK)	0.123	0.011	mg/Kg wet	0.113		109	70-160			†
Isopropylbenzene (Cumene)	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
p-Isopropyltoluene (p-Cymene)	0.0111	0.0011	mg/Kg wet	0.0113		97.6	70-130			
Methyl Acetate	0.0161	0.011	mg/Kg wet	0.0113		142 *	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130			
Methyl Cyclohexane	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130			
Methylene Chloride	0.0146	0.0057	mg/Kg wet	0.0113		129	40-160			V-20 †
4-Methyl-2-pentanone (MIBK)	0.119	0.011	mg/Kg wet	0.113		105	70-160			†
Naphthalene	0.00890	0.0023	mg/Kg wet	0.0113		78.5	40-130			†
n-Propylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
Styrene	0.0112	0.0011	mg/Kg wet	0.0113		99.1	70-130			
1,1,1,2-Tetrachloroethane	0.0108	0.0011	mg/Kg wet	0.0113		95.3	70-130			
1,1,2,2-Tetrachloroethane	0.0115	0.00057	mg/Kg wet	0.0113		102	70-130			
Tetrachloroethylene	0.0133	0.0011	mg/Kg wet	0.0113		118	70-130			
Tetrahydrofuran	0.0133	0.011	mg/Kg wet	0.0113		117	70-130			
Toluene	0.0131	0.0011	mg/Kg wet	0.0113		115	70-130			
1,2,3-Trichlorobenzene	0.0107	0.0057	mg/Kg wet	0.0113		94.7	70-130			
1,2,4-Trichlorobenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.9	70-130			
1,3,5-Trichlorobenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130			
1,1,1-Trichloroethane	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130			
1,1,2-Trichloroethane	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130			
Trichloroethylene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130			
Trichlorofluoromethane (Freon 11)	0.0128	0.0023	mg/Kg wet	0.0113		112	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170824 - SW-846 5035										
LCS (B170824-BS1)										
Prepared: 02/20/17 Analyzed: 02/23/17										
1,2,3-Trichloropropane	0.0108	0.0023	mg/Kg wet	0.0113		95.1	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
1,2,4-Trimethylbenzene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
1,3,5-Trimethylbenzene	0.0110	0.0011	mg/Kg wet	0.0113		96.7	70-130			
Vinyl Chloride	0.0106	0.0023	mg/Kg wet	0.0113		93.2	40-130			†
m+p Xylene	0.0231	0.0023	mg/Kg wet	0.0227		102	70-130			
o-Xylene	0.0113	0.0011	mg/Kg wet	0.0113		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0313		mg/Kg wet	0.0283		111	70-130			
Surrogate: Toluene-d8	0.0302		mg/Kg wet	0.0283		107	70-130			
Surrogate: 4-Bromofluorobenzene	0.0288		mg/Kg wet	0.0283		102	70-130			
LCS Dup (B170824-BSD1)										
Prepared: 02/20/17 Analyzed: 02/23/17										
Acetone	0.130	0.057	mg/Kg wet	0.113		115	70-160	5.30	25	†
Acrylonitrile	0.0136	0.0057	mg/Kg wet	0.0113		120	70-130	0.828	25	V-20
tert-Amyl Methyl Ether (TAME)	0.0119	0.00057	mg/Kg wet	0.0113		105	70-130	1.61	25	
Benzene	0.0132	0.0011	mg/Kg wet	0.0113		116	70-130	2.88	25	
Bromobenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.9	70-130	2.20	25	
Bromochloromethane	0.0137	0.0011	mg/Kg wet	0.0113		121	70-130	5.00	25	V-20
Bromodichloromethane	0.0133	0.0011	mg/Kg wet	0.0113		118	70-130	2.19	25	
Bromoform	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130	1.00	25	
Bromomethane	0.00482	0.0023	mg/Kg wet	0.0113		42.5	40-130	11.2	25	†
2-Butanone (MEK)	0.128	0.023	mg/Kg wet	0.113		113	70-160	1.01	25	V-20
tert-Butyl Alcohol (TBA)	0.0848	0.023	mg/Kg wet	0.113		74.8	40-130	4.13	25	†
n-Butylbenzene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	2.87	25	
sec-Butylbenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	3.22	25	
tert-Butylbenzene	0.0111	0.0011	mg/Kg wet	0.0113		98.1	70-160	2.52	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0122	0.00057	mg/Kg wet	0.0113		108	70-130	2.30	25	
Carbon Disulfide	0.0160	0.0034	mg/Kg wet	0.0113		141	* 70-130	2.17	25	L-02, V-20
Carbon Tetrachloride	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130	3.74	25	
Chlorobenzene	0.0111	0.0011	mg/Kg wet	0.0113		98.3	70-130	2.51	25	
Chlorodibromomethane	0.0132	0.00057	mg/Kg wet	0.0113		117	70-130	0.853	25	
Chloroethane	0.0109	0.0023	mg/Kg wet	0.0113		96.4	70-130	4.66	25	
Chloroform	0.0133	0.0023	mg/Kg wet	0.0113		117	70-130	4.18	25	
Chloromethane	0.00827	0.0023	mg/Kg wet	0.0113		73.0	70-130	0.00	25	
2-Chlorotoluene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	2.24	25	
4-Chlorotoluene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130	1.49	25	
Cyclohexane	0.0143	0.0011	mg/Kg wet	0.0113		126	70-130	3.50	25	V-20
1,2-Dibromo-3-chloropropane (DBCP)	0.0126	0.0057	mg/Kg wet	0.0113		111	70-130	2.84	25	
1,2-Dibromoethane (EDB)	0.0130	0.00057	mg/Kg wet	0.0113		115	70-130	0.348	25	
Dibromomethane	0.0136	0.0011	mg/Kg wet	0.0113		120	70-130	1.17	25	
1,2-Dichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	1.86	25	
1,3-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	3.57	25	
1,4-Dichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130	1.98	25	
trans-1,4-Dichloro-2-butene	0.0106	0.0023	mg/Kg wet	0.0113		93.6	70-130	9.51	25	
Dichlorodifluoromethane (Freon 12)	0.00831	0.0023	mg/Kg wet	0.0113		73.3	40-160	0.273	25	†
1,1-Dichloroethane	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130	2.09	25	
1,2-Dichloroethane	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130	0.604	25	
1,1-Dichloroethylene	0.0126	0.0011	mg/Kg wet	0.0113		112	70-130	2.13	25	
cis-1,2-Dichloroethylene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130	3.93	25	
trans-1,2-Dichloroethylene	0.0152	0.0011	mg/Kg wet	0.0113		134	* 70-130	0.224	25	L-02
1,2-Dichloropropane	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130	0.548	25	
1,3-Dichloropropane	0.0125	0.00057	mg/Kg wet	0.0113		110	70-130	0.272	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170824 - SW-846 5035										
LCS Dup (B170824-BSD1)										
					Prepared: 02/20/17 Analyzed: 02/23/17					
2,2-Dichloropropane	0.00959	0.0011	mg/Kg wet	0.0113		84.6	70-130	5.63	25	
1,1-Dichloropropene	0.0132	0.0023	mg/Kg wet	0.0113		116	70-130	5.51	25	
cis-1,3-Dichloropropene	0.0110	0.00057	mg/Kg wet	0.0113		97.3	70-130	2.94	25	
trans-1,3-Dichloropropene	0.0118	0.00057	mg/Kg wet	0.0113		104	70-130	1.45	25	
Diethyl Ether	0.0133	0.0023	mg/Kg wet	0.0113		118	70-130	1.71	25	
Diisopropyl Ether (DIPE)	0.0125	0.00057	mg/Kg wet	0.0113		110	70-130	3.21	25	
1,4-Dioxane	0.118	0.057	mg/Kg wet	0.113		104	40-160	3.71	50	† ‡
Ethylbenzene	0.0110	0.0011	mg/Kg wet	0.0113		96.7	70-130	4.25	25	
Hexachlorobutadiene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-160	4.90	25	
2-Hexanone (MBK)	0.128	0.011	mg/Kg wet	0.113		113	70-160	4.35	25	†
Isopropylbenzene (Cumene)	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	1.27	25	
p-Isopropyltoluene (p-Cymene)	0.0108	0.0011	mg/Kg wet	0.0113		95.4	70-130	2.28	25	
Methyl Acetate	0.0159	0.011	mg/Kg wet	0.0113		140 *	70-130	1.20	25	V-20, L-02
Methyl tert-Butyl Ether (MTBE)	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	1.65	25	
Methyl Cyclohexane	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130	3.69	25	
Methylene Chloride	0.0140	0.0057	mg/Kg wet	0.0113		124	40-160	4.43	25	V-20 †
4-Methyl-2-pentanone (MIBK)	0.125	0.011	mg/Kg wet	0.113		110	70-160	5.08	25	†
Naphthalene	0.00928	0.0023	mg/Kg wet	0.0113		81.9	40-130	4.24	25	†
n-Propylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		99.1	70-130	3.37	25	
Styrene	0.0109	0.0011	mg/Kg wet	0.0113		96.4	70-130	2.76	25	
1,1,1,2-Tetrachloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.0	70-130	0.732	25	
1,1,2,2-Tetrachloroethane	0.0115	0.00057	mg/Kg wet	0.0113		101	70-130	0.394	25	
Tetrachloroethylene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	3.11	25	
Tetrahydrofuran	0.0139	0.011	mg/Kg wet	0.0113		123	70-130	4.58	25	
Toluene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	1.13	25	
1,2,3-Trichlorobenzene	0.0113	0.0057	mg/Kg wet	0.0113		99.7	70-130	5.14	25	
1,2,4-Trichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	2.10	25	
1,3,5-Trichlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	1.90	25	
1,1,1-Trichloroethane	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	5.05	25	
1,1,2-Trichloroethane	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130	0.780	25	
Trichloroethylene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	0.970	25	
Trichlorofluoromethane (Freon 11)	0.0123	0.0023	mg/Kg wet	0.0113		108	70-130	3.90	25	
1,2,3-Trichloropropane	0.0113	0.0023	mg/Kg wet	0.0113		99.4	70-130	4.42	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	3.83	25	
1,2,4-Trimethylbenzene	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130	1.39	25	
1,3,5-Trimethylbenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.1	70-130	3.79	25	
Vinyl Chloride	0.0102	0.0023	mg/Kg wet	0.0113		89.7	40-130	3.83	25	†
m+p Xylene	0.0225	0.0023	mg/Kg wet	0.0227		99.1	70-130	2.74	25	
o-Xylene	0.0108	0.0011	mg/Kg wet	0.0113		95.6	70-130	4.00	25	
Surrogate: 1,2-Dichloroethane-d4	0.0311		mg/Kg wet	0.0283		110	70-130			
Surrogate: Toluene-d8	0.0297		mg/Kg wet	0.0283		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.0287		mg/Kg wet	0.0283		101	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170829 - SW-846 5035

Blank (B170829-BLK1)

Prepared & Analyzed: 02/20/17

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-05
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0020	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
Cyclohexane	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0040	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0020	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							V-05
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170829 - SW-846 5035

Blank (B170829-BLK1)

Prepared & Analyzed: 02/20/17

Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							V-05
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0499		mg/Kg wet	0.0500		99.8	70-130			
Surrogate: Toluene-d8	0.0487		mg/Kg wet	0.0500		97.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.0472		mg/Kg wet	0.0500		94.4	70-130			

LCS (B170829-BS1)

Prepared & Analyzed: 02/20/17

Acetone	0.194	0.10	mg/Kg wet	0.200		96.9	70-160			†
Acrylonitrile	0.0194	0.0060	mg/Kg wet	0.0200		96.8	70-130			
tert-Amyl Methyl Ether (TAME)	0.0167	0.0010	mg/Kg wet	0.0200		83.7	70-130			
Benzene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130			
Bromobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130			
Bromochloromethane	0.0261	0.0020	mg/Kg wet	0.0200		130	70-130			V-20
Bromodichloromethane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
Bromoform	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
Bromomethane	0.0126	0.010	mg/Kg wet	0.0200		62.8	40-130			†
2-Butanone (MEK)	0.205	0.040	mg/Kg wet	0.200		103	70-160			†
tert-Butyl Alcohol (TBA)	0.116	0.040	mg/Kg wet	0.200		58.1	40-130			V-05 †
n-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
sec-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130			
tert-Butylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0190	0.0010	mg/Kg wet	0.0200		95.2	70-130			
Carbon Disulfide	0.0205	0.0060	mg/Kg wet	0.0200		102	70-130			
Carbon Tetrachloride	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130			
Chlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
Chlorodibromomethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
Chloroethane	0.0170	0.020	mg/Kg wet	0.0200		84.9	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170829 - SW-846 5035										
LCS (B170829-BS1)										
Prepared & Analyzed: 02/20/17										
Chloroform	0.0200	0.0040	mg/Kg wet	0.0200		99.8	70-130			
Chloromethane	0.0187	0.010	mg/Kg wet	0.0200		93.6	70-130			
2-Chlorotoluene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
4-Chlorotoluene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
Cyclohexane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0173	0.0040	mg/Kg wet	0.0200		86.5	70-130			
1,2-Dibromoethane (EDB)	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130			
Dibromomethane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
1,2-Dichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,3-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,4-Dichlorobenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
trans-1,4-Dichloro-2-butene	0.0200	0.0040	mg/Kg wet	0.0200		100	70-130			
Dichlorodifluoromethane (Freon 12)	0.0131	0.020	mg/Kg wet	0.0200		65.5	40-160			†
1,1-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
1,2-Dichloroethane	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
1,1-Dichloroethylene	0.0207	0.0040	mg/Kg wet	0.0200		103	70-130			
cis-1,2-Dichloroethylene	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130			
trans-1,2-Dichloroethylene	0.0241	0.0020	mg/Kg wet	0.0200		121	70-130			
1,2-Dichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
1,3-Dichloropropane	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130			
2,2-Dichloropropane	0.0150	0.0020	mg/Kg wet	0.0200		74.8	70-130			V-05
1,1-Dichloropropene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130			
cis-1,3-Dichloropropene	0.0182	0.0010	mg/Kg wet	0.0200		91.2	70-130			
trans-1,3-Dichloropropene	0.0183	0.0010	mg/Kg wet	0.0200		91.7	70-130			
Diethyl Ether	0.0197	0.020	mg/Kg wet	0.0200		98.5	70-130			
Diisopropyl Ether (DIPE)	0.0219	0.0010	mg/Kg wet	0.0200		109	70-130			
1,4-Dioxane	0.207	0.10	mg/Kg wet	0.200		103	40-160			†
Ethylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
Hexachlorobutadiene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-160			
2-Hexanone (MBK)	0.227	0.020	mg/Kg wet	0.200		114	70-160			V-20 †
Isopropylbenzene (Cumene)	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
p-Isopropyltoluene (p-Cymene)	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
Methyl Acetate	0.0273	0.0020	mg/Kg wet	0.0200		136 *	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0150	0.0040	mg/Kg wet	0.0200		74.9	70-130			V-05
Methyl Cyclohexane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Methylene Chloride	0.0237	0.020	mg/Kg wet	0.0200		119	40-160			†
4-Methyl-2-pentanone (MIBK)	0.224	0.020	mg/Kg wet	0.200		112	70-160			V-20 †
Naphthalene	0.0176	0.0040	mg/Kg wet	0.0200		88.0	40-130			†
n-Propylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
Styrene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,1,2-Tetrachloroethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
1,1,2,2-Tetrachloroethane	0.0190	0.0010	mg/Kg wet	0.0200		95.0	70-130			
Tetrachloroethylene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
Tetrahydrofuran	0.0215	0.010	mg/Kg wet	0.0200		108	70-130			
Toluene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
1,2,3-Trichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130			
1,2,4-Trichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130			
1,3,5-Trichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130			
1,1,1-Trichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130			
1,1,2-Trichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		99.1	70-130			
Trichloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130			
Trichlorofluoromethane (Freon 11)	0.0215	0.010	mg/Kg wet	0.0200		107	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170829 - SW-846 5035										
LCS (B170829-BS1)										
Prepared & Analyzed: 02/20/17										
1,2,3-Trichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0198	0.010	mg/Kg wet	0.0200		98.8	70-130			
1,2,4-Trimethylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130			
1,3,5-Trimethylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			
Vinyl Chloride	0.0163	0.010	mg/Kg wet	0.0200		81.6	40-130			†
m+p Xylene	0.0436	0.0040	mg/Kg wet	0.0400		109	70-130			
o-Xylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0495		mg/Kg wet	0.0500		99.0	70-130			
Surrogate: Toluene-d8	0.0502		mg/Kg wet	0.0500		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0484		mg/Kg wet	0.0500		96.8	70-130			
LCS Dup (B170829-BSD1)										
Prepared & Analyzed: 02/20/17										
Acetone	0.211	0.10	mg/Kg wet	0.200		106	70-160	8.51	25	†
Acrylonitrile	0.0201	0.0060	mg/Kg wet	0.0200		101	70-130	3.85	25	
tert-Amyl Methyl Ether (TAME)	0.0175	0.0010	mg/Kg wet	0.0200		87.7	70-130	4.67	25	
Benzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	1.41	25	
Bromobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	4.16	25	
Bromochloromethane	0.0266	0.0020	mg/Kg wet	0.0200		133	* 70-130	2.20	25	L-07, V-20
Bromodichloromethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	1.21	25	
Bromoform	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	2.29	25	
Bromomethane	0.0146	0.010	mg/Kg wet	0.0200		73.2	40-130	15.3	25	†
2-Butanone (MEK)	0.222	0.040	mg/Kg wet	0.200		111	70-160	8.04	25	†
tert-Butyl Alcohol (TBA)	0.122	0.040	mg/Kg wet	0.200		61.2	40-130	5.21	25	V-05 †
n-Butylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130	4.31	25	
sec-Butylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	1.39	25	
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-160	3.74	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0196	0.0010	mg/Kg wet	0.0200		98.2	70-130	3.10	25	
Carbon Disulfide	0.0207	0.0060	mg/Kg wet	0.0200		104	70-130	1.17	25	
Carbon Tetrachloride	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	1.74	25	
Chlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130	3.37	25	
Chlorodibromomethane	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	1.76	25	
Chloroethane	0.0178	0.020	mg/Kg wet	0.0200		88.9	70-130	4.60	25	
Chloroform	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130	2.96	25	
Chloromethane	0.0194	0.010	mg/Kg wet	0.0200		97.0	70-130	3.57	25	
2-Chlorotoluene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	1.78	25	
4-Chlorotoluene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	6.11	25	
Cyclohexane	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130	2.01	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0190	0.0040	mg/Kg wet	0.0200		95.0	70-130	9.37	25	
1,2-Dibromoethane (EDB)	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	0.191	25	
Dibromomethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	2.41	25	
1,2-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	3.25	25	
1,3-Dichlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	3.73	25	
1,4-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	6.01	25	
trans-1,4-Dichloro-2-butene	0.0200	0.0040	mg/Kg wet	0.0200		100	70-130	0.00	25	
Dichlorodifluoromethane (Freon 12)	0.0135	0.020	mg/Kg wet	0.0200		67.7	40-160	3.30	25	†
1,1-Dichloroethane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	2.20	25	
1,2-Dichloroethane	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	1.60	25	
1,1-Dichloroethylene	0.0211	0.0040	mg/Kg wet	0.0200		106	70-130	2.11	25	
cis-1,2-Dichloroethylene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130	1.46	25	
trans-1,2-Dichloroethylene	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130	1.92	25	
1,2-Dichloropropane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	5.52	25	
1,3-Dichloropropane	0.0200	0.0010	mg/Kg wet	0.0200		100	70-130	0.0997	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170829 - SW-846 5035										
LCS Dup (B170829-BSD1)										
Prepared & Analyzed: 02/20/17										
2,2-Dichloropropane	0.0155	0.0020	mg/Kg wet	0.0200		77.7	70-130	3.80	25	V-05
1,1-Dichloropropene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	2.20	25	
cis-1,3-Dichloropropene	0.0185	0.0010	mg/Kg wet	0.0200		92.5	70-130	1.42	25	
trans-1,3-Dichloropropene	0.0188	0.0010	mg/Kg wet	0.0200		94.1	70-130	2.58	25	
Diethyl Ether	0.0195	0.020	mg/Kg wet	0.0200		97.7	70-130	0.815	25	
Diisopropyl Ether (DIPE)	0.0226	0.0010	mg/Kg wet	0.0200		113	70-130	3.15	25	
1,4-Dioxane	0.206	0.10	mg/Kg wet	0.200		103	40-160	0.611	50	† ‡
Ethylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	1.36	25	
Hexachlorobutadiene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-160	0.520	25	
2-Hexanone (MBK)	0.238	0.020	mg/Kg wet	0.200		119	70-160	4.76	25	V-20 †
Isopropylbenzene (Cumene)	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	3.06	25	
p-Isopropyltoluene (p-Cymene)	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	3.13	25	
Methyl Acetate	0.0288	0.0020	mg/Kg wet	0.0200		144 *	70-130	5.21	25	V-20, L-02
Methyl tert-Butyl Ether (MTBE)	0.0150	0.0040	mg/Kg wet	0.0200		75.1	70-130	0.267	25	V-05
Methyl Cyclohexane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	2.97	25	
Methylene Chloride	0.0243	0.020	mg/Kg wet	0.0200		122	40-160	2.58	25	†
4-Methyl-2-pentanone (MIBK)	0.232	0.020	mg/Kg wet	0.200		116	70-160	3.69	25	V-20 †
Naphthalene	0.0190	0.0040	mg/Kg wet	0.0200		95.1	40-130	7.76	25	†
n-Propylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	2.74	25	
Styrene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130	2.99	25	
1,1,1,2-Tetrachloroethane	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130	3.23	25	
1,1,2,2-Tetrachloroethane	0.0196	0.0010	mg/Kg wet	0.0200		98.0	70-130	3.11	25	
Tetrachloroethylene	0.0245	0.0020	mg/Kg wet	0.0200		122	70-130	5.63	25	
Tetrahydrofuran	0.0215	0.010	mg/Kg wet	0.0200		107	70-130	0.0931	25	
Toluene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	0.923	25	
1,2,3-Trichlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	7.46	25	
1,2,4-Trichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130	4.31	25	
1,3,5-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	3.46	25	
1,1,1-Trichloroethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	5.22	25	
1,1,2-Trichloroethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	3.67	25	
Trichloroethylene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	1.59	25	
Trichlorofluoromethane (Freon 11)	0.0225	0.010	mg/Kg wet	0.0200		113	70-130	4.82	25	
1,2,3-Trichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	6.92	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0214	0.010	mg/Kg wet	0.0200		107	70-130	8.16	25	
1,2,4-Trimethylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	4.26	25	
1,3,5-Trimethylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	3.00	25	
Vinyl Chloride	0.0172	0.010	mg/Kg wet	0.0200		86.2	40-130	5.48	25	†
m+p Xylene	0.0442	0.0040	mg/Kg wet	0.0400		111	70-130	1.46	25	
o-Xylene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.52	25	
Surrogate: 1,2-Dichloroethane-d4	0.0491		mg/Kg wet	0.0500		98.2	70-130			
Surrogate: Toluene-d8	0.0501		mg/Kg wet	0.0500		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0490		mg/Kg wet	0.0500		98.0	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171017 - SW-846 5030B

Blank (B171017-BLK1)

Prepared: 02/22/17 Analyzed: 02/23/17

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171017 - SW-846 5030B

Blank (B171017-BLK1)

Prepared: 02/22/17 Analyzed: 02/23/17

Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	28.4		µg/L	25.0		114	70-130			
Surrogate: Toluene-d8	26.4		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.0		97.3	70-130			

LCS (B171017-BS1)

Prepared: 02/22/17 Analyzed: 02/23/17

Acetone	109	50	µg/L	100		109	70-160			†
Acrylonitrile	12.1	5.0	µg/L	10.0		121	70-130		V-20	
tert-Amyl Methyl Ether (TAME)	10.6	0.50	µg/L	10.0		106	70-130			
Benzene	12.0	1.0	µg/L	10.0		120	70-130			
Bromobenzene	10.1	1.0	µg/L	10.0		101	70-130			
Bromochloromethane	12.7	1.0	µg/L	10.0		127	70-130		V-20	
Bromodichloromethane	12.0	0.50	µg/L	10.0		120	70-130			
Bromoform	9.93	1.0	µg/L	10.0		99.3	70-130			
Bromomethane	3.80	2.0	µg/L	10.0		38.0 *	40-160		L-07	†
2-Butanone (MEK)	112	20	µg/L	100		112	40-160		V-20	†
tert-Butyl Alcohol (TBA)	71.8	20	µg/L	100		71.8	40-160			†
n-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130			
sec-Butylbenzene	10.7	1.0	µg/L	10.0		107	70-130			
tert-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
tert-Butyl Ethyl Ether (TBEE)	11.0	0.50	µg/L	10.0		110	70-130			
Carbon Disulfide	14.4	4.0	µg/L	10.0		144 *	70-130		L-02, V-20	
Carbon Tetrachloride	12.0	5.0	µg/L	10.0		120	70-130			
Chlorobenzene	10.1	1.0	µg/L	10.0		101	70-130			
Chlorodibromomethane	11.8	0.50	µg/L	10.0		118	70-130			
Chloroethane	10.1	2.0	µg/L	10.0		101	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171017 - SW-846 5030B										
LCS (B171017-BS1)										
					Prepared: 02/22/17 Analyzed: 02/23/17					
Chloroform	12.2	2.0	µg/L	10.0		122	70-130			
Chloromethane	7.30	2.0	µg/L	10.0		73.0	40-160			†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130			
4-Chlorotoluene	10.2	1.0	µg/L	10.0		102	70-130			
Cyclohexane	13.1	5.0	µg/L	10.0		131 *	70-130			L-07, V-20
1,2-Dibromo-3-chloropropane (DBCP)	10.8	5.0	µg/L	10.0		108	70-130			
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115	70-130			
Dibromomethane	11.9	1.0	µg/L	10.0		119	70-130			
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130			
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130			
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130			
trans-1,4-Dichloro-2-butene	8.51	2.0	µg/L	10.0		85.1	70-130			
Dichlorodifluoromethane (Freon 12)	7.31	2.0	µg/L	10.0		73.1	40-160			†
1,1-Dichloroethane	12.1	1.0	µg/L	10.0		121	70-130			
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116	70-130			
1,1-Dichloroethylene	11.4	1.0	µg/L	10.0		114	70-130			
cis-1,2-Dichloroethylene	11.2	1.0	µg/L	10.0		112	70-130			
trans-1,2-Dichloroethylene	13.4	1.0	µg/L	10.0		134 *	70-130			L-02
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110	70-130			
1,3-Dichloropropane	11.0	0.50	µg/L	10.0		110	70-130			
2,2-Dichloropropane	8.95	1.0	µg/L	10.0		89.5	40-130			†
1,1-Dichloropropene	12.3	2.0	µg/L	10.0		123	70-130			
cis-1,3-Dichloropropene	10.0	0.50	µg/L	10.0		100	70-130			
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103	70-130			
Diethyl Ether	11.6	2.0	µg/L	10.0		116	70-130			
Diisopropyl Ether (DIPE)	11.4	0.50	µg/L	10.0		114	70-130			
1,4-Dioxane	100	50	µg/L	100		100	40-130			†
Ethylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
Hexachlorobutadiene	11.5	0.60	µg/L	10.0		115	70-130			
2-Hexanone (MBK)	109	10	µg/L	100		109	70-160			†
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.0		103	70-130			
p-Isopropyltoluene (p-Cymene)	9.76	1.0	µg/L	10.0		97.6	70-130			
Methyl Acetate	14.2	1.0	µg/L	10.0		142 *	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108	70-130			
Methyl Cyclohexane	11.3	1.0	µg/L	10.0		113	70-130			
Methylene Chloride	12.9	5.0	µg/L	10.0		129	70-130			V-20
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100		105	70-160			†
Naphthalene	7.85	2.0	µg/L	10.0		78.5	40-130			†
n-Propylbenzene	10.2	1.0	µg/L	10.0		102	70-130			
Styrene	9.91	1.0	µg/L	10.0		99.1	70-130			
1,1,1,2-Tetrachloroethane	9.53	1.0	µg/L	10.0		95.3	70-130			
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130			
Tetrachloroethylene	11.8	1.0	µg/L	10.0		118	70-130			
Tetrahydrofuran	11.7	10	µg/L	10.0		117	70-130			
Toluene	11.5	1.0	µg/L	10.0		115	70-130			
1,2,3-Trichlorobenzene	9.47	5.0	µg/L	10.0		94.7	70-130			
1,2,4-Trichlorobenzene	9.89	1.0	µg/L	10.0		98.9	70-130			
1,3,5-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130			
1,1,1-Trichloroethane	11.6	1.0	µg/L	10.0		116	70-130			
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.0		116	70-130			
Trichloroethylene	11.3	1.0	µg/L	10.0		113	70-130			
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.0		112	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171017 - SW-846 5030B										
LCS (B171017-BS1)										
					Prepared: 02/22/17 Analyzed: 02/23/17					
1,2,3-Trichloropropane	9.51	2.0	µg/L	10.0		95.1	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4	1.0	µg/L	10.0		114	70-130			
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
1,3,5-Trimethylbenzene	9.67	1.0	µg/L	10.0		96.7	70-130			
Vinyl Chloride	9.32	2.0	µg/L	10.0		93.2	40-160			†
m+p Xylene	20.4	2.0	µg/L	20.0		102	70-130			
o-Xylene	9.95	1.0	µg/L	10.0		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	27.6		µg/L	25.0		111	70-130			
Surrogate: Toluene-d8	26.7		µg/L	25.0		107	70-130			
Surrogate: 4-Bromofluorobenzene	25.4		µg/L	25.0		102	70-130			
LCS Dup (B171017-BSD1)										
					Prepared: 02/22/17 Analyzed: 02/23/17					
Acetone	115	50	µg/L	100		115	70-160	5.30	25	†
Acrylonitrile	12.0	5.0	µg/L	10.0		120	70-130	0.828	25	V-20
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105	70-130	1.61	25	
Benzene	11.6	1.0	µg/L	10.0		116	70-130	2.88	25	
Bromobenzene	9.89	1.0	µg/L	10.0		98.9	70-130	2.20	25	
Bromochloromethane	12.1	1.0	µg/L	10.0		121	70-130	5.00	25	V-20
Bromodichloromethane	11.8	0.50	µg/L	10.0		118	70-130	2.19	25	
Bromoform	10.0	1.0	µg/L	10.0		100	70-130	1.00	25	
Bromomethane	4.25	2.0	µg/L	10.0		42.5	40-160	11.2	25	†
2-Butanone (MEK)	113	20	µg/L	100		113	40-160	1.01	25	V-20 †
tert-Butyl Alcohol (TBA)	74.8	20	µg/L	100		74.8	40-160	4.13	25	†
n-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130	2.87	25	
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	3.22	25	
tert-Butylbenzene	9.81	1.0	µg/L	10.0		98.1	70-130	2.52	25	
tert-Butyl Ethyl Ether (TBEE)	10.8	0.50	µg/L	10.0		108	70-130	2.30	25	
Carbon Disulfide	14.1	4.0	µg/L	10.0		141 *	70-130	2.17	25	L-02, V-20
Carbon Tetrachloride	11.6	5.0	µg/L	10.0		116	70-130	3.74	25	
Chlorobenzene	9.83	1.0	µg/L	10.0		98.3	70-130	2.51	25	
Chlorodibromomethane	11.7	0.50	µg/L	10.0		117	70-130	0.853	25	
Chloroethane	9.64	2.0	µg/L	10.0		96.4	70-130	4.66	25	
Chloroform	11.7	2.0	µg/L	10.0		117	70-130	4.18	25	
Chloromethane	7.30	2.0	µg/L	10.0		73.0	40-160	0.00	25	†
2-Chlorotoluene	10.2	1.0	µg/L	10.0		102	70-130	2.24	25	
4-Chlorotoluene	10.0	1.0	µg/L	10.0		100	70-130	1.49	25	
Cyclohexane	12.6	5.0	µg/L	10.0		126	70-130	3.50	25	V-20
1,2-Dibromo-3-chloropropane (DBCP)	11.1	5.0	µg/L	10.0		111	70-130	2.84	25	
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115	70-130	0.348	25	
Dibromomethane	12.0	1.0	µg/L	10.0		120	70-130	1.17	25	
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	1.86	25	
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	3.57	25	
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	1.98	25	
trans-1,4-Dichloro-2-butene	9.36	2.0	µg/L	10.0		93.6	70-130	9.51	25	
Dichlorodifluoromethane (Freon 12)	7.33	2.0	µg/L	10.0		73.3	40-160	0.273	25	†
1,1-Dichloroethane	11.8	1.0	µg/L	10.0		118	70-130	2.09	25	
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116	70-130	0.604	25	
1,1-Dichloroethylene	11.2	1.0	µg/L	10.0		112	70-130	2.13	25	
cis-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	3.93	25	
trans-1,2-Dichloroethylene	13.4	1.0	µg/L	10.0		134 *	70-130	0.224	25	L-02
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130	0.548	25	
1,3-Dichloropropane	11.0	0.50	µg/L	10.0		110	70-130	0.272	25	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171017 - SW-846 5030B										
LCS Dup (B171017-BSD1)										
					Prepared: 02/22/17 Analyzed: 02/23/17					
2,2-Dichloropropane	8.46	1.0	µg/L	10.0		84.6	40-130	5.63	25	†
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116	70-130	5.51	25	
cis-1,3-Dichloropropene	9.73	0.50	µg/L	10.0		97.3	70-130	2.94	25	
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130	1.45	25	
Diethyl Ether	11.8	2.0	µg/L	10.0		118	70-130	1.71	25	
Diisopropyl Ether (DIPE)	11.0	0.50	µg/L	10.0		110	70-130	3.21	25	
1,4-Dioxane	104	50	µg/L	100		104	40-130	3.71	50	† ‡
Ethylbenzene	9.67	1.0	µg/L	10.0		96.7	70-130	4.25	25	
Hexachlorobutadiene	11.0	0.60	µg/L	10.0		110	70-130	4.90	25	
2-Hexanone (MBK)	113	10	µg/L	100		113	70-160	4.35	25	†
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.0		102	70-130	1.27	25	
p-Isopropyltoluene (p-Cymene)	9.54	1.0	µg/L	10.0		95.4	70-130	2.28	25	
Methyl Acetate	14.0	1.0	µg/L	10.0		140 *	70-130	1.20	25	L-02, V-20
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.0		110	70-130	1.65	25	
Methyl Cyclohexane	10.9	1.0	µg/L	10.0		109	70-130	3.69	25	
Methylene Chloride	12.4	5.0	µg/L	10.0		124	70-130	4.43	25	V-20
4-Methyl-2-pentanone (MIBK)	110	10	µg/L	100		110	70-160	5.08	25	†
Naphthalene	8.19	2.0	µg/L	10.0		81.9	40-130	4.24	25	†
n-Propylbenzene	9.91	1.0	µg/L	10.0		99.1	70-130	3.37	25	
Styrene	9.64	1.0	µg/L	10.0		96.4	70-130	2.76	25	
1,1,1,2-Tetrachloroethane	9.60	1.0	µg/L	10.0		96.0	70-130	0.732	25	
1,1,2,2-Tetrachloroethane	10.1	0.50	µg/L	10.0		101	70-130	0.394	25	
Tetrachloroethylene	11.4	1.0	µg/L	10.0		114	70-130	3.11	25	
Tetrahydrofuran	12.3	10	µg/L	10.0		123	70-130	4.58	25	
Toluene	11.4	1.0	µg/L	10.0		114	70-130	1.13	25	
1,2,3-Trichlorobenzene	9.97	5.0	µg/L	10.0		99.7	70-130	5.14	25	
1,2,4-Trichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	2.10	25	
1,3,5-Trichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	1.90	25	
1,1,1-Trichloroethane	11.0	1.0	µg/L	10.0		110	70-130	5.05	25	
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115	70-130	0.780	25	
Trichloroethylene	11.4	1.0	µg/L	10.0		114	70-130	0.970	25	
Trichlorofluoromethane (Freon 11)	10.8	2.0	µg/L	10.0		108	70-130	3.90	25	
1,2,3-Trichloropropane	9.94	2.0	µg/L	10.0		99.4	70-130	4.42	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	1.0	µg/L	10.0		110	70-130	3.83	25	
1,2,4-Trimethylbenzene	10.0	1.0	µg/L	10.0		100	70-130	1.39	25	
1,3,5-Trimethylbenzene	9.31	1.0	µg/L	10.0		93.1	70-130	3.79	25	
Vinyl Chloride	8.97	2.0	µg/L	10.0		89.7	40-160	3.83	25	†
m+p Xylene	19.8	2.0	µg/L	20.0		99.1	70-130	2.74	25	
o-Xylene	9.56	1.0	µg/L	10.0		95.6	70-130	4.00	25	
Surrogate: 1,2-Dichloroethane-d4	27.5		µg/L	25.0		110	70-130			
Surrogate: Toluene-d8	26.2		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	25.3		µg/L	25.0		101	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170795 - SW-846 3510C

Blank (B170795-BLK1)

Prepared: 02/19/17 Analyzed: 02/22/17

Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							V-05
Anthracene	ND	5.0	µg/L							
Benzidine	ND	20	µg/L							L-04, R-05, V-04, V-05
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							V-20
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							V-20
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							R-05
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-05
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170795 - SW-846 3510C										
Blank (B170795-BLK1)										
Prepared: 02/19/17 Analyzed: 02/22/17										
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodimethylamine	ND	10	µg/L							
N-Nitrosodiphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	10	µg/L							V-16
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							
Surrogate: 2-Fluorophenol	113		µg/L	200		56.5	15-110			
Surrogate: Phenol-d6	78.6		µg/L	200		39.3	15-110			
Surrogate: Nitrobenzene-d5	88.2		µg/L	100		88.2	30-130			
Surrogate: 2-Fluorobiphenyl	101		µg/L	100		101	30-130			
Surrogate: 2,4,6-Tribromophenol	210		µg/L	200		105	15-110			
Surrogate: p-Terphenyl-d14	96.2		µg/L	100		96.2	30-130			
LCS (B170795-BS1)										
Prepared: 02/19/17 Analyzed: 02/22/17										
Acenaphthene	90.0	5.0	µg/L	100		90.0	40-140			
Acenaphthylene	93.8	5.0	µg/L	100		93.8	40-140			
Acetophenone	86.2	10	µg/L	100		86.2	40-140			
Aniline	50.4	5.0	µg/L	100		50.4	40-140			V-05
Anthracene	87.4	5.0	µg/L	100		87.4	40-140			
Benzidine	15.8	20	µg/L	100		15.8 *	40-140			L-04, R-05, V-04, V-05
Benzo(a)anthracene	93.7	5.0	µg/L	100		93.7	40-140			
Benzo(a)pyrene	90.2	5.0	µg/L	100		90.2	40-140			
Benzo(b)fluoranthene	88.4	5.0	µg/L	100		88.4	40-140			
Benzo(g,h,i)perylene	79.3	5.0	µg/L	100		79.3	40-140			
Benzo(k)fluoranthene	90.9	5.0	µg/L	100		90.9	40-140			
Benzoic Acid	37.2	10	µg/L	100		37.2	10-130			†
Bis(2-chloroethoxy)methane	95.7	10	µg/L	100		95.7	40-140			
Bis(2-chloroethyl)ether	101	10	µg/L	100		101	40-140			V-20
Bis(2-chloroisopropyl)ether	91.2	10	µg/L	100		91.2	40-140			
Bis(2-Ethylhexyl)phthalate	107	10	µg/L	100		107	40-140			V-20
4-Bromophenylphenylether	94.9	10	µg/L	100		94.9	40-140			
Butylbenzylphthalate	99.1	10	µg/L	100		99.1	40-140			
Carbazole	84.8	10	µg/L	100		84.8	40-140			
4-Chloroaniline	50.7	10	µg/L	100		50.7	40-140			
4-Chloro-3-methylphenol	87.3	10	µg/L	100		87.3	30-130			
2-Chloronaphthalene	85.9	10	µg/L	100		85.9	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170795 - SW-846 3510C										
LCS (B170795-BS1)										
					Prepared: 02/19/17 Analyzed: 02/22/17					
2-Chlorophenol	78.4	10	µg/L	100		78.4	30-130			
4-Chlorophenylphenylether	105	10	µg/L	100		105	40-140			
Chrysene	89.3	5.0	µg/L	100		89.3	40-140			
Dibenz(a,h)anthracene	91.4	5.0	µg/L	100		91.4	40-140			
Dibenzofuran	101	5.0	µg/L	100		101	40-140			
Di-n-butylphthalate	96.7	10	µg/L	100		96.7	40-140			
1,2-Dichlorobenzene	77.0	5.0	µg/L	100		77.0	40-140			
1,3-Dichlorobenzene	74.9	5.0	µg/L	100		74.9	40-140			
1,4-Dichlorobenzene	75.0	5.0	µg/L	100		75.0	40-140			
3,3-Dichlorobenzidine	85.5	10	µg/L	100		85.5	40-140			R-05
2,4-Dichlorophenol	83.3	10	µg/L	100		83.3	30-130			
Diethylphthalate	107	10	µg/L	100		107	40-140			
2,4-Dimethylphenol	75.7	10	µg/L	100		75.7	30-130			
Dimethylphthalate	100	10	µg/L	100		100	40-140			
4,6-Dinitro-2-methylphenol	77.7	10	µg/L	100		77.7	30-130			
2,4-Dinitrophenol	76.0	10	µg/L	100		76.0	30-130			V-05
2,4-Dinitrotoluene	98.7	10	µg/L	100		98.7	40-140			
2,6-Dinitrotoluene	104	10	µg/L	100		104	40-140			
Di-n-octylphthalate	101	10	µg/L	100		101	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	98.3	10	µg/L	100		98.3	40-140			
Fluoranthene	84.8	5.0	µg/L	100		84.8	40-140			
Fluorene	96.9	5.0	µg/L	100		96.9	40-140			
Hexachlorobenzene	93.6	10	µg/L	100		93.6	40-140			
Hexachlorobutadiene	84.8	10	µg/L	100		84.8	40-140			
Hexachlorocyclopentadiene	71.1	10	µg/L	100		71.1	30-140			†
Hexachloroethane	76.6	10	µg/L	100		76.6	40-140			
Indeno(1,2,3-cd)pyrene	87.0	5.0	µg/L	100		87.0	40-140			
Isophorone	91.4	10	µg/L	100		91.4	40-140			
1-Methylnaphthalene	82.9	5.0	µg/L	100		82.9	40-140			
2-Methylnaphthalene	89.4	5.0	µg/L	100		89.4	40-140			
2-Methylphenol	73.8	10	µg/L	100		73.8	30-130			
3/4-Methylphenol	73.0	10	µg/L	100		73.0	30-130			
Naphthalene	81.0	5.0	µg/L	100		81.0	40-140			
2-Nitroaniline	101	10	µg/L	100		101	40-140			
3-Nitroaniline	76.7	10	µg/L	100		76.7	40-140			
4-Nitroaniline	104	10	µg/L	100		104	40-140			
Nitrobenzene	84.0	10	µg/L	100		84.0	40-140			
2-Nitrophenol	82.6	10	µg/L	100		82.6	30-130			
4-Nitrophenol	58.6	10	µg/L	100		58.6	10-130			†
N-Nitrosodimethylamine	57.3	10	µg/L	100		57.3	40-140			
N-Nitrosodiphenylamine	118	10	µg/L	100		118	40-140			
N-Nitrosodi-n-propylamine	90.4	10	µg/L	100		90.4	40-140			
Pentachloronitrobenzene	97.3	10	µg/L	100		97.3	40-140			V-16
Pentachlorophenol	77.0	10	µg/L	100		77.0	30-130			
Phenanthrene	87.2	5.0	µg/L	100		87.2	40-140			
Phenol	42.6	10	µg/L	100		42.6	20-130			†
Pyrene	81.4	5.0	µg/L	100		81.4	40-140			
Pyridine	41.5	5.0	µg/L	100		41.5	10-140			†
1,2,4,5-Tetrachlorobenzene	94.0	10	µg/L	100		94.0	40-140			
1,2,4-Trichlorobenzene	81.5	5.0	µg/L	100		81.5	40-140			
2,4,5-Trichlorophenol	97.7	10	µg/L	100		97.7	30-130			
2,4,6-Trichlorophenol	99.8	10	µg/L	100		99.8	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170795 - SW-846 3510C

LCS (B170795-BS1)

Prepared: 02/19/17 Analyzed: 02/22/17

Surrogate: 2-Fluorophenol	115		µg/L	200		57.3	15-110			
Surrogate: Phenol-d6	83.5		µg/L	200		41.8	15-110			
Surrogate: Nitrobenzene-d5	88.5		µg/L	100		88.5	30-130			
Surrogate: 2-Fluorobiphenyl	104		µg/L	100		104	30-130			
Surrogate: 2,4,6-Tribromophenol	234		µg/L	200		117 *	15-110			S-07
Surrogate: p-Terphenyl-d14	94.8		µg/L	100		94.8	30-130			

LCS Dup (B170795-BSD1)

Prepared: 02/19/17 Analyzed: 02/22/17

Acenaphthene	87.7	5.0	µg/L	100		87.7	40-140	2.61	20	
Acenaphthylene	92.0	5.0	µg/L	100		92.0	40-140	1.90	20	
Acetophenone	82.9	10	µg/L	100		82.9	40-140	3.94	20	
Aniline	45.4	5.0	µg/L	100		45.4	40-140	10.6	50	V-05 ‡
Anthracene	85.6	5.0	µg/L	100		85.6	40-140	2.05	20	
Benzidine	21.3	20	µg/L	100		21.3 *	40-140	29.4 *	20	L-04, R-05, V-04, V-05
Benzo(a)anthracene	89.6	5.0	µg/L	100		89.6	40-140	4.41	20	
Benzo(a)pyrene	86.1	5.0	µg/L	100		86.1	40-140	4.73	20	
Benzo(b)fluoranthene	85.6	5.0	µg/L	100		85.6	40-140	3.31	20	
Benzo(g,h,i)perylene	76.5	5.0	µg/L	100		76.5	40-140	3.54	20	
Benzo(k)fluoranthene	89.3	5.0	µg/L	100		89.3	40-140	1.76	20	
Benzoic Acid	39.6	10	µg/L	100		39.6	10-130	6.33	50	† ‡
Bis(2-chloroethoxy)methane	90.4	10	µg/L	100		90.4	40-140	5.72	20	
Bis(2-chloroethyl)ether	98.8	10	µg/L	100		98.8	40-140	2.24	20	V-20
Bis(2-chloroisopropyl)ether	87.3	10	µg/L	100		87.3	40-140	4.32	20	
Bis(2-Ethylhexyl)phthalate	106	10	µg/L	100		106	40-140	0.676	20	V-20
4-Bromophenylphenylether	91.0	10	µg/L	100		91.0	40-140	4.11	20	
Butylbenzylphthalate	98.2	10	µg/L	100		98.2	40-140	0.943	20	
Carbazole	85.3	10	µg/L	100		85.3	40-140	0.553	20	
4-Chloroaniline	47.2	10	µg/L	100		47.2	40-140	7.04	20	
4-Chloro-3-methylphenol	86.0	10	µg/L	100		86.0	30-130	1.50	20	
2-Chloronaphthalene	84.9	10	µg/L	100		84.9	40-140	1.17	20	
2-Chlorophenol	76.7	10	µg/L	100		76.7	30-130	2.09	20	
4-Chlorophenylphenylether	102	10	µg/L	100		102	40-140	3.47	20	
Chrysene	85.1	5.0	µg/L	100		85.1	40-140	4.80	20	
Dibenz(a,h)anthracene	87.0	5.0	µg/L	100		87.0	40-140	4.92	20	
Dibenzofuran	97.7	5.0	µg/L	100		97.7	40-140	2.96	20	
Di-n-butylphthalate	93.8	10	µg/L	100		93.8	40-140	3.00	20	
1,2-Dichlorobenzene	75.7	5.0	µg/L	100		75.7	40-140	1.73	20	
1,3-Dichlorobenzene	72.6	5.0	µg/L	100		72.6	40-140	3.19	20	
1,4-Dichlorobenzene	73.2	5.0	µg/L	100		73.2	40-140	2.42	20	
3,3-Dichlorobenzidine	69.1	10	µg/L	100		69.1	40-140	21.2 *	20	R-05
2,4-Dichlorophenol	80.7	10	µg/L	100		80.7	30-130	3.23	20	
Diethylphthalate	103	10	µg/L	100		103	40-140	3.49	20	
2,4-Dimethylphenol	71.8	10	µg/L	100		71.8	30-130	5.27	20	
Dimethylphthalate	97.3	10	µg/L	100		97.3	40-140	2.85	50	‡
4,6-Dinitro-2-methylphenol	78.2	10	µg/L	100		78.2	30-130	0.616	50	‡
2,4-Dinitrophenol	75.4	10	µg/L	100		75.4	30-130	0.766	50	V-05 ‡
2,4-Dinitrotoluene	101	10	µg/L	100		101	40-140	2.82	20	
2,6-Dinitrotoluene	103	10	µg/L	100		103	40-140	0.866	20	
Di-n-octylphthalate	101	10	µg/L	100		101	40-140	0.555	20	
1,2-Diphenylhydrazine (as Azobenzene)	92.4	10	µg/L	100		92.4	40-140	6.18	20	
Fluoranthene	83.4	5.0	µg/L	100		83.4	40-140	1.65	20	
Fluorene	93.6	5.0	µg/L	100		93.6	40-140	3.43	20	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170795 - SW-846 3510C										
LCS Dup (B170795-BSD1)										
					Prepared: 02/19/17 Analyzed: 02/22/17					
Hexachlorobenzene	90.2	10	µg/L	100		90.2	40-140	3.62	20	
Hexachlorobutadiene	82.5	10	µg/L	100		82.5	40-140	2.74	20	
Hexachlorocyclopentadiene	68.8	10	µg/L	100		68.8	30-140	3.32	50	† ‡
Hexachloroethane	75.3	10	µg/L	100		75.3	40-140	1.80	50	‡
Indeno(1,2,3-cd)pyrene	85.5	5.0	µg/L	100		85.5	40-140	1.65	50	‡
Isophorone	87.6	10	µg/L	100		87.6	40-140	4.25	20	
1-Methylnaphthalene	79.7	5.0	µg/L	100		79.7	40-140	3.93	20	
2-Methylnaphthalene	88.1	5.0	µg/L	100		88.1	40-140	1.51	20	
2-Methylphenol	71.7	10	µg/L	100		71.7	30-130	2.91	20	
3/4-Methylphenol	71.8	10	µg/L	100		71.8	30-130	1.64	20	
Naphthalene	78.6	5.0	µg/L	100		78.6	40-140	2.91	20	
2-Nitroaniline	98.0	10	µg/L	100		98.0	40-140	2.82	20	
3-Nitroaniline	69.5	10	µg/L	100		69.5	40-140	9.94	20	
4-Nitroaniline	108	10	µg/L	100		108	40-140	3.62	20	
Nitrobenzene	80.4	10	µg/L	100		80.4	40-140	4.28	20	
2-Nitrophenol	80.6	10	µg/L	100		80.6	30-130	2.40	20	
4-Nitrophenol	63.6	10	µg/L	100		63.6	10-130	8.20	50	† ‡
N-Nitrosodimethylamine	56.4	10	µg/L	100		56.4	40-140	1.55	20	
N-Nitrosodiphenylamine	113	10	µg/L	100		113	40-140	4.32	20	
N-Nitrosodi-n-propylamine	86.2	10	µg/L	100		86.2	40-140	4.83	20	
Pentachloronitrobenzene	95.5	10	µg/L	100		95.5	40-140	1.87	20	V-16
Pentachlorophenol	75.2	10	µg/L	100		75.2	30-130	2.26	50	‡
Phenanthrene	85.5	5.0	µg/L	100		85.5	40-140	1.96	20	
Phenol	37.8	10	µg/L	100		37.8	20-130	11.8	20	†
Pyrene	82.8	5.0	µg/L	100		82.8	40-140	1.61	20	
Pyridine	46.0	5.0	µg/L	100		46.0	10-140	10.2	50	† ‡
1,2,4,5-Tetrachlorobenzene	91.8	10	µg/L	100		91.8	40-140	2.36	20	
1,2,4-Trichlorobenzene	79.2	5.0	µg/L	100		79.2	40-140	2.84	20	
2,4,5-Trichlorophenol	97.2	10	µg/L	100		97.2	30-130	0.421	20	
2,4,6-Trichlorophenol	98.1	10	µg/L	100		98.1	30-130	1.65	50	‡
Surrogate: 2-Fluorophenol	113		µg/L	200		56.5	15-110			
Surrogate: Phenol-d6	82.8		µg/L	200		41.4	15-110			
Surrogate: Nitrobenzene-d5	84.0		µg/L	100		84.0	30-130			
Surrogate: 2-Fluorobiphenyl	99.1		µg/L	100		99.1	30-130			
Surrogate: 2,4,6-Tribromophenol	233		µg/L	200		116 *	15-110			S-07
Surrogate: p-Terphenyl-d14	96.1		µg/L	100		96.1	30-130			

Batch B170805 - SW-846 3546

Blank (B170805-BLK1)

Prepared: 02/20/17 Analyzed: 02/23/17

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							R-05, V-04, V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170805 - SW-846 3546										
Blank (B170805-BLK1)										
					Prepared: 02/20/17 Analyzed: 02/23/17					
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-20
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							V-20
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							V-20
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170805 - SW-846 3546										
Blank (B170805-BLK1)										
Prepared: 02/20/17 Analyzed: 02/23/17										
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							V-20
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	4.95		mg/Kg wet	6.67		74.3	30-130			
Surrogate: Phenol-d6	4.92		mg/Kg wet	6.67		73.8	30-130			
Surrogate: Nitrobenzene-d5	2.28		mg/Kg wet	3.33		68.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.61		mg/Kg wet	3.33		78.4	30-130			
Surrogate: 2,4,6-Tribromophenol	5.25		mg/Kg wet	6.67		78.7	30-130			
Surrogate: p-Terphenyl-d14	3.00		mg/Kg wet	3.33		90.0	30-130			
LCS (B170805-BS1)										
Prepared: 02/20/17 Analyzed: 02/23/17										
Acenaphthene	1.22	0.17	mg/Kg wet	1.67		73.0	40-140			
Acenaphthylene	1.20	0.17	mg/Kg wet	1.67		71.7	40-140			
Acetophenone	1.13	0.34	mg/Kg wet	1.67		67.8	40-140			
Aniline	0.845	0.34	mg/Kg wet	1.67		50.7	10-140			†
Anthracene	1.29	0.17	mg/Kg wet	1.67		77.5	40-140			
Benzidine	0.597	0.66	mg/Kg wet	1.67		35.8	* 40-140			L-07A, R-05, V-04, V-05
Benzo(a)anthracene	1.29	0.17	mg/Kg wet	1.67		77.4	40-140			
Benzo(a)pyrene	1.27	0.17	mg/Kg wet	1.67		76.2	40-140			
Benzo(b)fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.0	40-140			
Benzo(g,h,i)perylene	1.57	0.17	mg/Kg wet	1.67		94.1	40-140			
Benzo(k)fluoranthene	1.27	0.17	mg/Kg wet	1.67		76.4	40-140			
Benzoic Acid	1.03	1.0	mg/Kg wet	1.67		61.8	30-130			
Bis(2-chloroethoxy)methane	1.22	0.34	mg/Kg wet	1.67		73.0	40-140			
Bis(2-chloroethyl)ether	1.16	0.34	mg/Kg wet	1.67		69.7	40-140			
Bis(2-chloroisopropyl)ether	1.06	0.34	mg/Kg wet	1.67		63.6	40-140			V-20
Bis(2-Ethylhexyl)phthalate	1.17	0.34	mg/Kg wet	1.67		69.9	40-140			
4-Bromophenylphenylether	1.33	0.34	mg/Kg wet	1.67		79.6	40-140			
Butylbenzylphthalate	1.26	0.34	mg/Kg wet	1.67		75.8	40-140			
Carbazole	1.25	0.17	mg/Kg wet	1.67		74.9	40-140			
4-Chloroaniline	0.723	0.66	mg/Kg wet	1.67		43.4	10-140			†
4-Chloro-3-methylphenol	1.18	0.66	mg/Kg wet	1.67		71.0	30-130			
2-Chloronaphthalene	1.16	0.34	mg/Kg wet	1.67		69.4	40-140			
2-Chlorophenol	1.14	0.34	mg/Kg wet	1.67		68.6	30-130			
4-Chlorophenylphenylether	1.29	0.34	mg/Kg wet	1.67		77.3	40-140			
Chrysene	1.26	0.17	mg/Kg wet	1.67		75.3	40-140			
Dibenz(a,h)anthracene	1.46	0.17	mg/Kg wet	1.67		87.4	40-140			
Dibenzofuran	1.28	0.34	mg/Kg wet	1.67		77.0	40-140			
Di-n-butylphthalate	1.25	0.34	mg/Kg wet	1.67		75.0	40-140			
1,2-Dichlorobenzene	1.09	0.34	mg/Kg wet	1.67		65.5	40-140			
1,3-Dichlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.5	40-140			
1,4-Dichlorobenzene	1.05	0.34	mg/Kg wet	1.67		63.1	40-140			
3,3-Dichlorobenzidine	0.891	0.17	mg/Kg wet	1.67		53.4	20-140			†
2,4-Dichlorophenol	1.24	0.34	mg/Kg wet	1.67		74.1	30-130			
Diethylphthalate	1.23	0.34	mg/Kg wet	1.67		73.5	40-140			
2,4-Dimethylphenol	1.13	0.34	mg/Kg wet	1.67		67.9	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170805 - SW-846 3546										
LCS (B170805-BS1)										
					Prepared: 02/20/17 Analyzed: 02/23/17					
Dimethylphthalate	1.25	0.34	mg/Kg wet	1.67		75.3	40-140			
4,6-Dinitro-2-methylphenol	1.10	0.34	mg/Kg wet	1.67		66.1	30-130			
2,4-Dinitrophenol	0.854	0.66	mg/Kg wet	1.67		51.3	30-130			
2,4-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		72.9	40-140			
2,6-Dinitrotoluene	1.29	0.34	mg/Kg wet	1.67		77.4	40-140			
Di-n-octylphthalate	1.07	0.34	mg/Kg wet	1.67		64.3	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.27	0.34	mg/Kg wet	1.67		76.4	40-140			
Fluoranthene	1.28	0.17	mg/Kg wet	1.67		77.1	40-140			
Fluorene	1.24	0.17	mg/Kg wet	1.67		74.6	40-140			
Hexachlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.4	40-140			
Hexachlorobutadiene	1.18	0.34	mg/Kg wet	1.67		70.9	40-140			
Hexachlorocyclopentadiene	1.05	0.34	mg/Kg wet	1.67		63.0	40-140			
Hexachloroethane	1.03	0.34	mg/Kg wet	1.67		61.9	40-140			
Indeno(1,2,3-cd)pyrene	1.43	0.17	mg/Kg wet	1.67		85.8	40-140			
Isophorone	1.16	0.34	mg/Kg wet	1.67		69.9	40-140			
1-Methylnaphthalene	1.16	0.17	mg/Kg wet	1.67		69.6	40-140			
2-Methylnaphthalene	1.25	0.17	mg/Kg wet	1.67		75.1	40-140			
2-Methylphenol	1.11	0.34	mg/Kg wet	1.67		66.3	30-130			
3/4-Methylphenol	1.22	0.34	mg/Kg wet	1.67		73.0	30-130			
Naphthalene	1.14	0.17	mg/Kg wet	1.67		68.6	40-140			
2-Nitroaniline	1.10	0.34	mg/Kg wet	1.67		66.0	40-140			
3-Nitroaniline	1.08	0.34	mg/Kg wet	1.67		64.5	30-140			†
4-Nitroaniline	1.18	0.34	mg/Kg wet	1.67		70.5	40-140			
Nitrobenzene	1.12	0.34	mg/Kg wet	1.67		67.1	40-140			
2-Nitrophenol	1.14	0.34	mg/Kg wet	1.67		68.3	30-130			
4-Nitrophenol	1.00	0.66	mg/Kg wet	1.67		60.2	30-130			
N-Nitrosodimethylamine	1.03	0.34	mg/Kg wet	1.67		61.7	40-140			V-20
N-Nitrosodiphenylamine	1.78	0.34	mg/Kg wet	1.67		107	40-140			V-20
N-Nitrosodi-n-propylamine	1.13	0.34	mg/Kg wet	1.67		67.9	40-140			
Pentachloronitrobenzene	1.32	0.34	mg/Kg wet	1.67		79.4	40-140			V-16
Pentachlorophenol	1.07	0.34	mg/Kg wet	1.67		64.5	30-130			
Phenanthrene	1.28	0.17	mg/Kg wet	1.67		77.1	40-140			
Phenol	1.13	0.34	mg/Kg wet	1.67		67.5	30-130			
Pyrene	1.33	0.17	mg/Kg wet	1.67		80.1	40-140			
Pyridine	0.898	0.34	mg/Kg wet	1.67		53.9	30-140			V-20 †
1,2,4,5-Tetrachlorobenzene	1.23	0.34	mg/Kg wet	1.67		74.0	40-140			
1,2,4-Trichlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.2	40-140			
2,4,5-Trichlorophenol	1.22	0.34	mg/Kg wet	1.67		73.4	30-130			
2,4,6-Trichlorophenol	1.27	0.34	mg/Kg wet	1.67		76.4	30-130			
Surrogate: 2-Fluorophenol	5.09		mg/Kg wet	6.67		76.3	30-130			
Surrogate: Phenol-d6	4.96		mg/Kg wet	6.67		74.4	30-130			
Surrogate: Nitrobenzene-d5	2.36		mg/Kg wet	3.33		70.9	30-130			
Surrogate: 2-Fluorobiphenyl	2.67		mg/Kg wet	3.33		80.2	30-130			
Surrogate: 2,4,6-Tribromophenol	5.81		mg/Kg wet	6.67		87.1	30-130			
Surrogate: p-Terphenyl-d14	2.91		mg/Kg wet	3.33		87.4	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170805 - SW-846 3546

LCS Dup (B170805-BSD1)

Prepared: 02/20/17 Analyzed: 02/23/17

Acenaphthene	1.38	0.17	mg/Kg wet	1.67		82.6	40-140	12.3	30	
Acenaphthylene	1.35	0.17	mg/Kg wet	1.67		81.2	40-140	12.5	30	
Acetophenone	1.30	0.34	mg/Kg wet	1.67		77.8	40-140	13.7	30	
Aniline	1.07	0.34	mg/Kg wet	1.67		64.3	10-140	23.6	50	† ‡
Anthracene	1.48	0.17	mg/Kg wet	1.67		88.9	40-140	13.6	30	
Benzdine	0.852	0.66	mg/Kg wet	1.67		51.1	40-140	35.2 *	30	R-05, V-04, V-05
Benzo(a)anthracene	1.49	0.17	mg/Kg wet	1.67		89.4	40-140	14.5	30	
Benzo(a)pyrene	1.46	0.17	mg/Kg wet	1.67		87.7	40-140	14.0	30	
Benzo(b)fluoranthene	1.40	0.17	mg/Kg wet	1.67		83.7	40-140	13.8	30	
Benzo(g,h,i)perylene	1.81	0.17	mg/Kg wet	1.67		109	40-140	14.5	30	
Benzo(k)fluoranthene	1.46	0.17	mg/Kg wet	1.67		87.4	40-140	13.4	30	
Benzoic Acid	1.22	1.0	mg/Kg wet	1.67		73.5	30-130	17.2	50	‡
Bis(2-chloroethoxy)methane	1.40	0.34	mg/Kg wet	1.67		84.1	40-140	14.1	30	
Bis(2-chloroethyl)ether	1.35	0.34	mg/Kg wet	1.67		80.9	40-140	14.8	30	
Bis(2-chloroisopropyl)ether	1.24	0.34	mg/Kg wet	1.67		74.1	40-140	15.3	30	V-20
Bis(2-Ethylhexyl)phthalate	1.39	0.34	mg/Kg wet	1.67		83.5	40-140	17.7	30	
4-Bromophenylphenylether	1.51	0.34	mg/Kg wet	1.67		90.7	40-140	13.0	30	
Butylbenzylphthalate	1.50	0.34	mg/Kg wet	1.67		89.8	40-140	16.9	30	
Carbazole	1.44	0.17	mg/Kg wet	1.67		86.5	40-140	14.4	30	
4-Chloroaniline	0.901	0.66	mg/Kg wet	1.67		54.1	10-140	22.0	30	†
4-Chloro-3-methylphenol	1.36	0.66	mg/Kg wet	1.67		81.8	30-130	14.1	30	
2-Chloronaphthalene	1.30	0.34	mg/Kg wet	1.67		78.0	40-140	11.7	30	
2-Chlorophenol	1.30	0.34	mg/Kg wet	1.67		78.1	30-130	13.0	30	
4-Chlorophenylphenylether	1.45	0.34	mg/Kg wet	1.67		86.7	40-140	11.5	30	
Chrysene	1.45	0.17	mg/Kg wet	1.67		87.2	40-140	14.6	30	
Dibenz(a,h)anthracene	1.70	0.17	mg/Kg wet	1.67		102	40-140	15.6	30	
Dibenzofuran	1.45	0.34	mg/Kg wet	1.67		87.0	40-140	12.2	30	
Di-n-butylphthalate	1.45	0.34	mg/Kg wet	1.67		87.0	40-140	14.9	30	
1,2-Dichlorobenzene	1.23	0.34	mg/Kg wet	1.67		73.8	40-140	11.9	30	
1,3-Dichlorobenzene	1.18	0.34	mg/Kg wet	1.67		70.9	40-140	11.1	30	
1,4-Dichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.3	40-140	12.2	30	
3,3-Dichlorobenzidine	1.11	0.17	mg/Kg wet	1.67		66.7	20-140	22.1	50	† ‡
2,4-Dichlorophenol	1.38	0.34	mg/Kg wet	1.67		82.6	30-130	10.9	30	
Diethylphthalate	1.44	0.34	mg/Kg wet	1.67		86.3	40-140	16.0	30	
2,4-Dimethylphenol	1.30	0.34	mg/Kg wet	1.67		77.7	30-130	13.5	30	
Dimethylphthalate	1.44	0.34	mg/Kg wet	1.67		86.2	40-140	13.6	30	
4,6-Dinitro-2-methylphenol	1.28	0.34	mg/Kg wet	1.67		76.7	30-130	14.9	30	
2,4-Dinitrophenol	0.989	0.66	mg/Kg wet	1.67		59.3	30-130	14.6	30	
2,4-Dinitrotoluene	1.44	0.34	mg/Kg wet	1.67		86.1	40-140	16.6	30	
2,6-Dinitrotoluene	1.49	0.34	mg/Kg wet	1.67		89.5	40-140	14.5	30	
Di-n-octylphthalate	1.25	0.34	mg/Kg wet	1.67		75.1	40-140	15.5	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.51	0.34	mg/Kg wet	1.67		90.8	40-140	17.3	30	
Fluoranthene	1.47	0.17	mg/Kg wet	1.67		88.2	40-140	13.5	30	
Fluorene	1.42	0.17	mg/Kg wet	1.67		85.1	40-140	13.2	30	
Hexachlorobenzene	1.47	0.34	mg/Kg wet	1.67		88.3	40-140	11.8	30	
Hexachlorobutadiene	1.31	0.34	mg/Kg wet	1.67		78.4	40-140	10.0	30	
Hexachlorocyclopentadiene	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	9.66	30	
Hexachloroethane	1.17	0.34	mg/Kg wet	1.67		69.9	40-140	12.1	30	
Indeno(1,2,3-cd)pyrene	1.61	0.17	mg/Kg wet	1.67		96.8	40-140	12.1	30	
Isophorone	1.35	0.34	mg/Kg wet	1.67		81.1	40-140	14.8	30	
1-Methylnaphthalene	1.31	0.17	mg/Kg wet	1.67		78.4	40-140	11.9	30	
2-Methylnaphthalene	1.39	0.17	mg/Kg wet	1.67		83.6	40-140	10.8	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170805 - SW-846 3546										
LCS Dup (B170805-BSD1)										
					Prepared: 02/20/17 Analyzed: 02/23/17					
2-Methylphenol	1.25	0.34	mg/Kg wet	1.67		75.1	30-130	12.4	30	
3/4-Methylphenol	1.41	0.34	mg/Kg wet	1.67		84.4	30-130	14.5	30	
Naphthalene	1.29	0.17	mg/Kg wet	1.67		77.4	40-140	12.1	30	
2-Nitroaniline	1.32	0.34	mg/Kg wet	1.67		79.2	40-140	18.2	30	
3-Nitroaniline	1.29	0.34	mg/Kg wet	1.67		77.2	30-140	17.9	30	†
4-Nitroaniline	1.36	0.34	mg/Kg wet	1.67		81.5	40-140	14.4	30	
Nitrobenzene	1.29	0.34	mg/Kg wet	1.67		77.6	40-140	14.5	30	
2-Nitrophenol	1.29	0.34	mg/Kg wet	1.67		77.6	30-130	12.9	30	
4-Nitrophenol	1.16	0.66	mg/Kg wet	1.67		69.7	30-130	14.7	50	‡
N-Nitrosodimethylamine	1.20	0.34	mg/Kg wet	1.67		71.9	40-140	15.2	30	V-20
N-Nitrosodiphenylamine	2.05	0.34	mg/Kg wet	1.67		123	40-140	13.9	30	V-20
N-Nitrosodi-n-propylamine	1.30	0.34	mg/Kg wet	1.67		78.3	40-140	14.2	30	
Pentachloronitrobenzene	1.46	0.34	mg/Kg wet	1.67		87.5	40-140	9.70	30	V-16
Pentachlorophenol	1.20	0.34	mg/Kg wet	1.67		72.2	30-130	11.3	30	
Phenanthrene	1.47	0.17	mg/Kg wet	1.67		88.3	40-140	13.5	30	
Phenol	1.32	0.34	mg/Kg wet	1.67		79.2	30-130	15.9	30	
Pyrene	1.56	0.17	mg/Kg wet	1.67		93.8	40-140	15.8	30	
Pyridine	1.03	0.34	mg/Kg wet	1.67		61.6	30-140	13.4	30	V-20 †
1,2,4,5-Tetrachlorobenzene	1.39	0.34	mg/Kg wet	1.67		83.2	40-140	11.7	30	
1,2,4-Trichlorobenzene	1.32	0.34	mg/Kg wet	1.67		79.0	40-140	11.8	30	
2,4,5-Trichlorophenol	1.39	0.34	mg/Kg wet	1.67		83.4	30-130	12.7	30	
2,4,6-Trichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.4	30-130	11.2	30	
Surrogate: 2-Fluorophenol	5.65		mg/Kg wet	6.67		84.7	30-130			
Surrogate: Phenol-d6	5.67		mg/Kg wet	6.67		85.1	30-130			
Surrogate: Nitrobenzene-d5	2.67		mg/Kg wet	3.33		80.1	30-130			
Surrogate: 2-Fluorobiphenyl	2.94		mg/Kg wet	3.33		88.1	30-130			
Surrogate: 2,4,6-Tribromophenol	6.42		mg/Kg wet	6.67		96.4	30-130			
Surrogate: p-Terphenyl-d14	3.26		mg/Kg wet	3.33		97.7	30-130			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170785 - SW-846 3510C

Blank (B170785-BLK1)

Prepared: 02/19/17 Analyzed: 02/23/17

alpha-Chlordane	ND	0.050	µg/L							
alpha-Chlordane [2C]	ND	0.050	µg/L							
gamma-Chlordane	ND	0.050	µg/L							
gamma-Chlordane [2C]	ND	0.050	µg/L							
Alachlor	ND	0.20	µg/L							
Alachlor [2C]	ND	0.20	µg/L							
Aldrin	ND	0.050	µg/L							
Aldrin [2C]	ND	0.050	µg/L							
alpha-BHC	ND	0.050	µg/L							
alpha-BHC [2C]	ND	0.050	µg/L							
beta-BHC	ND	0.050	µg/L							
beta-BHC [2C]	ND	0.050	µg/L							
delta-BHC	ND	0.050	µg/L							
delta-BHC [2C]	ND	0.050	µg/L							
gamma-BHC (Lindane)	ND	0.030	µg/L							
gamma-BHC (Lindane) [2C]	ND	0.030	µg/L							
Chlordane	ND	0.20	µg/L							
Chlordane [2C]	ND	0.20	µg/L							
4,4'-DDD	ND	0.040	µg/L							
4,4'-DDD [2C]	ND	0.040	µg/L							
4,4'-DDE	ND	0.040	µg/L							
4,4'-DDE [2C]	ND	0.040	µg/L							
4,4'-DDT	ND	0.040	µg/L							
4,4'-DDT [2C]	ND	0.040	µg/L							
Dieldrin	ND	0.0020	µg/L							
Dieldrin [2C]	ND	0.0020	µg/L							
Endosulfan I	ND	0.050	µg/L							
Endosulfan I [2C]	ND	0.050	µg/L							
Endosulfan II	ND	0.080	µg/L							
Endosulfan II [2C]	ND	0.080	µg/L							
Endosulfan Sulfate	ND	0.080	µg/L							
Endosulfan Sulfate [2C]	ND	0.080	µg/L							
Endrin	ND	0.080	µg/L							
Endrin [2C]	ND	0.080	µg/L							
Endrin Aldehyde	ND	0.080	µg/L							
Endrin Aldehyde [2C]	ND	0.080	µg/L							
Endrin Ketone	ND	0.080	µg/L							
Endrin Ketone [2C]	ND	0.080	µg/L							
Heptachlor	ND	0.050	µg/L							
Heptachlor [2C]	ND	0.050	µg/L							
Heptachlor Epoxide	ND	0.050	µg/L							
Heptachlor Epoxide [2C]	ND	0.050	µg/L							
Hexachlorobenzene	ND	0.050	µg/L							
Hexachlorobenzene [2C]	ND	0.050	µg/L							
Methoxychlor	ND	0.50	µg/L							
Methoxychlor [2C]	ND	0.50	µg/L							
Toxaphene	ND	1.0	µg/L							
Toxaphene [2C]	ND	1.0	µg/L							
Surrogate: Decachlorobiphenyl	1.68		µg/L	2.00		83.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.59		µg/L	2.00		79.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.77		µg/L	2.00		88.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.68		µg/L	2.00		84.0	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170785 - SW-846 3510C										
LCS (B170785-BS1)										
				Prepared: 02/19/17 Analyzed: 02/23/17						
Alachlor	1.0	0.20	µg/L	1.00		102	40-140			
Alachlor [2C]	1.0	0.20	µg/L	1.00		101	40-140			
Aldrin	0.88	0.050	µg/L	1.00		88.2	40-140			
Aldrin [2C]	0.87	0.050	µg/L	1.00		86.8	40-140			
alpha-BHC	0.88	0.050	µg/L	1.00		88.5	40-140			
alpha-BHC [2C]	0.86	0.050	µg/L	1.00		86.4	40-140			
beta-BHC	0.87	0.050	µg/L	1.00		87.4	40-140			
beta-BHC [2C]	0.84	0.050	µg/L	1.00		84.0	40-140			
delta-BHC	0.93	0.050	µg/L	1.00		93.2	40-140			
delta-BHC [2C]	0.88	0.050	µg/L	1.00		87.8	40-140			
gamma-BHC (Lindane)	0.91	0.030	µg/L	1.00		91.2	40-140			
gamma-BHC (Lindane) [2C]	0.89	0.030	µg/L	1.00		89.2	40-140			
4,4'-DDD	0.94	0.040	µg/L	1.00		93.8	40-140			
4,4'-DDD [2C]	0.90	0.040	µg/L	1.00		90.4	40-140			
4,4'-DDE	0.91	0.040	µg/L	1.00		91.4	40-140			
4,4'-DDE [2C]	0.90	0.040	µg/L	1.00		89.6	40-140			
4,4'-DDT	0.91	0.040	µg/L	1.00		91.0	40-140			
4,4'-DDT [2C]	0.87	0.040	µg/L	1.00		86.7	40-140			
Dieldrin	0.86	0.0020	µg/L	1.00		86.4	40-140			
Dieldrin [2C]	0.84	0.0020	µg/L	1.00		83.7	40-140			
Endosulfan I	0.89	0.050	µg/L	1.00		88.7	40-140			
Endosulfan I [2C]	0.89	0.050	µg/L	1.00		89.0	40-140			
Endosulfan II	0.90	0.080	µg/L	1.00		89.9	40-140			
Endosulfan II [2C]	0.89	0.080	µg/L	1.00		88.8	40-140			
Endosulfan Sulfate	0.91	0.080	µg/L	1.00		90.5	40-140			
Endosulfan Sulfate [2C]	0.89	0.080	µg/L	1.00		89.2	40-140			
Endrin	0.94	0.080	µg/L	1.00		93.9	40-140			
Endrin [2C]	0.93	0.080	µg/L	1.00		93.0	40-140			
Endrin Aldehyde	0.87	0.080	µg/L	1.00		87.5	40-140			
Endrin Aldehyde [2C]	0.86	0.080	µg/L	1.00		85.5	40-140			
Endrin Ketone	0.94	0.080	µg/L	1.00		93.6	40-140			
Endrin Ketone [2C]	0.91	0.080	µg/L	1.00		91.0	40-140			
Heptachlor	0.86	0.050	µg/L	1.00		86.4	40-140			
Heptachlor [2C]	0.87	0.050	µg/L	1.00		86.7	40-140			
Heptachlor Epoxide	0.89	0.050	µg/L	1.00		88.6	40-140			
Heptachlor Epoxide [2C]	0.87	0.050	µg/L	1.00		87.0	40-140			
Hexachlorobenzene	0.88	0.050	µg/L	1.00		87.5	40-140			
Hexachlorobenzene [2C]	0.83	0.050	µg/L	1.00		83.1	40-140			
Methoxychlor	0.91	0.50	µg/L	1.00		90.7	40-140			
Methoxychlor [2C]	0.88	0.50	µg/L	1.00		87.9	40-140			
Surrogate: Decachlorobiphenyl	1.67		µg/L	2.00		83.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.59		µg/L	2.00		79.3	30-150			
Surrogate: Tetrachloro-m-xylene	1.78		µg/L	2.00		89.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.68		µg/L	2.00		84.1	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170785 - SW-846 3510C										
LCS Dup (B170785-BSD1)										
					Prepared: 02/19/17 Analyzed: 02/23/17					
Alachlor	1.0	0.20	µg/L	1.00		101	40-140	0.947	20	
Alachlor [2C]	0.99	0.20	µg/L	1.00		99.1	40-140	1.96	20	
Aldrin	0.87	0.050	µg/L	1.00		87.4	40-140	0.927	20	
Aldrin [2C]	0.86	0.050	µg/L	1.00		85.8	40-140	1.19	20	
alpha-BHC	0.89	0.050	µg/L	1.00		88.9	40-140	0.496	20	
alpha-BHC [2C]	0.86	0.050	µg/L	1.00		86.3	40-140	0.105	20	
beta-BHC	0.86	0.050	µg/L	1.00		86.5	40-140	1.09	20	
beta-BHC [2C]	0.83	0.050	µg/L	1.00		83.0	40-140	1.13	20	
delta-BHC	0.92	0.050	µg/L	1.00		92.5	40-140	0.804	20	
delta-BHC [2C]	0.86	0.050	µg/L	1.00		86.0	40-140	2.00	20	
gamma-BHC (Lindane)	0.91	0.030	µg/L	1.00		90.9	40-140	0.343	20	
gamma-BHC (Lindane) [2C]	0.88	0.030	µg/L	1.00		88.1	40-140	1.16	20	
4,4'-DDD	0.92	0.040	µg/L	1.00		92.3	40-140	1.59	20	
4,4'-DDD [2C]	0.88	0.040	µg/L	1.00		88.4	40-140	2.27	20	
4,4'-DDE	0.90	0.040	µg/L	1.00		90.0	40-140	1.56	20	
4,4'-DDE [2C]	0.88	0.040	µg/L	1.00		87.7	40-140	2.21	20	
4,4'-DDT	0.90	0.040	µg/L	1.00		89.8	40-140	1.31	20	
4,4'-DDT [2C]	0.85	0.040	µg/L	1.00		85.3	40-140	1.63	20	
Dieldrin	0.84	0.0020	µg/L	1.00		84.5	40-140	2.22	20	
Dieldrin [2C]	0.82	0.0020	µg/L	1.00		81.7	40-140	2.34	20	
Endosulfan I	0.87	0.050	µg/L	1.00		86.9	40-140	2.09	20	
Endosulfan I [2C]	0.87	0.050	µg/L	1.00		86.8	40-140	2.51	20	
Endosulfan II	0.88	0.080	µg/L	1.00		88.2	40-140	1.92	20	
Endosulfan II [2C]	0.86	0.080	µg/L	1.00		86.3	40-140	2.79	20	
Endosulfan Sulfate	0.89	0.080	µg/L	1.00		88.9	40-140	1.86	20	
Endosulfan Sulfate [2C]	0.87	0.080	µg/L	1.00		86.7	40-140	2.86	20	
Endrin	0.92	0.080	µg/L	1.00		92.2	40-140	1.80	20	
Endrin [2C]	0.91	0.080	µg/L	1.00		90.8	40-140	2.50	20	
Endrin Aldehyde	0.86	0.080	µg/L	1.00		86.3	40-140	1.39	20	
Endrin Aldehyde [2C]	0.84	0.080	µg/L	1.00		83.8	40-140	2.03	20	
Endrin Ketone	0.91	0.080	µg/L	1.00		91.5	40-140	2.26	20	
Endrin Ketone [2C]	0.89	0.080	µg/L	1.00		88.9	40-140	2.30	20	
Heptachlor	0.86	0.050	µg/L	1.00		86.2	40-140	0.210	20	
Heptachlor [2C]	0.87	0.050	µg/L	1.00		86.9	40-140	0.166	20	
Heptachlor Epoxide	0.87	0.050	µg/L	1.00		86.9	40-140	1.94	20	
Heptachlor Epoxide [2C]	0.85	0.050	µg/L	1.00		85.3	40-140	2.00	20	
Hexachlorobenzene	0.87	0.050	µg/L	1.00		87.2	40-140	0.418	20	
Hexachlorobenzene [2C]	0.83	0.050	µg/L	1.00		82.7	40-140	0.403	20	
Methoxychlor	0.90	0.50	µg/L	1.00		89.6	40-140	1.22	20	
Methoxychlor [2C]	0.87	0.50	µg/L	1.00		86.5	40-140	1.57	20	
Surrogate: Decachlorobiphenyl	1.63		µg/L	2.00		81.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.55		µg/L	2.00		77.7	30-150			
Surrogate: Tetrachloro-m-xylene	1.78		µg/L	2.00		88.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.66		µg/L	2.00		82.8	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170788 - SW-846 3546

Blank (B170788-BLK1)

Prepared: 02/18/17 Analyzed: 02/20/17

alpha-Chlordane	ND	0.0050	mg/Kg wet							
alpha-Chlordane [2C]	ND	0.0050	mg/Kg wet							
gamma-Chlordane	ND	0.0050	mg/Kg wet							
gamma-Chlordane [2C]	ND	0.0050	mg/Kg wet							
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0020	mg/Kg wet							
Aldrin [2C]	ND	0.0020	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0010	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDE	ND	0.0010	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDT	ND	0.0010	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0010	mg/Kg wet							
Dieldrin	ND	0.0020	mg/Kg wet							
Dieldrin [2C]	ND	0.0020	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0060	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0060	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.181		mg/Kg wet	0.200		90.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.182		mg/Kg wet	0.200		90.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.176		mg/Kg wet	0.200		87.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.175		mg/Kg wet	0.200		87.6	30-150			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170788 - SW-846 3546

LCS (B170788-BS1)

Prepared: 02/18/17 Analyzed: 02/20/17

alpha-Chlordane	0.090	0.0050	mg/Kg wet	0.100		90.3	40-140			
alpha-Chlordane [2C]	0.092	0.0050	mg/Kg wet	0.100		92.5	40-140			
gamma-Chlordane	0.087	0.0050	mg/Kg wet	0.100		87.0	40-140			
gamma-Chlordane [2C]	0.094	0.0050	mg/Kg wet	0.100		93.9	40-140			
Alachlor	0.10	0.020	mg/Kg wet	0.100		102	40-140			
Alachlor [2C]	0.10	0.020	mg/Kg wet	0.100		101	40-140			
Aldrin	0.089	0.0020	mg/Kg wet	0.100		89.3	40-140			
Aldrin [2C]	0.089	0.0020	mg/Kg wet	0.100		89.2	40-140			
alpha-BHC	0.082	0.0050	mg/Kg wet	0.100		82.4	40-140			
alpha-BHC [2C]	0.082	0.0050	mg/Kg wet	0.100		81.7	40-140			
beta-BHC	0.086	0.0050	mg/Kg wet	0.100		85.7	40-140			
beta-BHC [2C]	0.088	0.0050	mg/Kg wet	0.100		88.1	40-140			
delta-BHC	0.056	0.0050	mg/Kg wet	0.100		56.2	40-140			
delta-BHC [2C]	0.057	0.0050	mg/Kg wet	0.100		57.2	40-140			
gamma-BHC (Lindane)	0.085	0.0020	mg/Kg wet	0.100		85.4	40-140			
gamma-BHC (Lindane) [2C]	0.085	0.0020	mg/Kg wet	0.100		85.1	40-140			
4,4'-DDD	0.096	0.0010	mg/Kg wet	0.100		95.8	40-140			
4,4'-DDD [2C]	0.095	0.0010	mg/Kg wet	0.100		95.2	40-140			
4,4'-DDE	0.097	0.0010	mg/Kg wet	0.100		96.7	40-140			
4,4'-DDE [2C]	0.095	0.0010	mg/Kg wet	0.100		95.4	40-140			
4,4'-DDT	0.089	0.0010	mg/Kg wet	0.100		88.8	40-140			
4,4'-DDT [2C]	0.085	0.0010	mg/Kg wet	0.100		84.8	40-140			
Dieldrin	0.089	0.0020	mg/Kg wet	0.100		89.3	40-140			
Dieldrin [2C]	0.087	0.0020	mg/Kg wet	0.100		86.6	40-140			
Endosulfan I	0.078	0.0050	mg/Kg wet	0.100		78.4	40-140			
Endosulfan I [2C]	0.080	0.0050	mg/Kg wet	0.100		80.5	40-140			
Endosulfan II	0.083	0.0080	mg/Kg wet	0.100		83.2	40-140			
Endosulfan II [2C]	0.085	0.0080	mg/Kg wet	0.100		84.7	40-140			
Endosulfan Sulfate	0.091	0.0080	mg/Kg wet	0.100		90.7	40-140			
Endosulfan Sulfate [2C]	0.089	0.0080	mg/Kg wet	0.100		89.0	40-140			
Endrin	0.089	0.0080	mg/Kg wet	0.100		89.1	40-140			
Endrin [2C]	0.091	0.0080	mg/Kg wet	0.100		90.6	40-140			
Endrin Aldehyde	0.085	0.0080	mg/Kg wet	0.100		84.7	40-140			
Endrin Aldehyde [2C]	0.086	0.0080	mg/Kg wet	0.100		85.6	40-140			
Endrin Ketone	0.096	0.0080	mg/Kg wet	0.100		95.8	40-140			
Endrin Ketone [2C]	0.097	0.0080	mg/Kg wet	0.100		97.1	40-140			
Heptachlor	0.085	0.0050	mg/Kg wet	0.100		85.0	40-140			
Heptachlor [2C]	0.089	0.0050	mg/Kg wet	0.100		88.6	40-140			
Heptachlor Epoxide	0.087	0.0050	mg/Kg wet	0.100		87.2	40-140			
Heptachlor Epoxide [2C]	0.088	0.0050	mg/Kg wet	0.100		87.6	40-140			
Hexachlorobenzene	0.087	0.0060	mg/Kg wet	0.100		87.0	40-140			
Hexachlorobenzene [2C]	0.088	0.0060	mg/Kg wet	0.100		88.3	40-140			
Methoxychlor	0.086	0.050	mg/Kg wet	0.100		85.8	40-140			
Methoxychlor [2C]	0.091	0.050	mg/Kg wet	0.100		90.6	40-140			

Surrogate: Decachlorobiphenyl	0.189		mg/Kg wet	0.200		94.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.190		mg/Kg wet	0.200		95.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.178		mg/Kg wet	0.200		89.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.176		mg/Kg wet	0.200		87.8	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170788 - SW-846 3546										
LCS Dup (B170788-BSD1)										
					Prepared: 02/18/17 Analyzed: 02/20/17					
alpha-Chlordane	0.088	0.0050	mg/Kg wet	0.100		87.9	40-140	2.71	30	
alpha-Chlordane [2C]	0.090	0.0050	mg/Kg wet	0.100		90.4	40-140	2.26	30	
gamma-Chlordane	0.085	0.0050	mg/Kg wet	0.100		84.9	40-140	2.46	30	
gamma-Chlordane [2C]	0.092	0.0050	mg/Kg wet	0.100		92.0	40-140	2.03	30	
Alachlor	0.10	0.020	mg/Kg wet	0.100		99.8	40-140	1.89	30	
Alachlor [2C]	0.098	0.020	mg/Kg wet	0.100		98.4	40-140	2.26	30	
Aldrin	0.088	0.0020	mg/Kg wet	0.100		87.6	40-140	1.89	30	
Aldrin [2C]	0.088	0.0020	mg/Kg wet	0.100		87.9	40-140	1.46	30	
alpha-BHC	0.075	0.0050	mg/Kg wet	0.100		74.8	40-140	9.70	30	
alpha-BHC [2C]	0.075	0.0050	mg/Kg wet	0.100		75.2	40-140	8.34	30	
beta-BHC	0.083	0.0050	mg/Kg wet	0.100		83.4	40-140	2.73	30	
beta-BHC [2C]	0.086	0.0050	mg/Kg wet	0.100		86.1	40-140	2.23	30	
delta-BHC	0.047	0.0050	mg/Kg wet	0.100		46.6	40-140	18.6	30	
delta-BHC [2C]	0.048	0.0050	mg/Kg wet	0.100		48.4	40-140	16.8	30	
gamma-BHC (Lindane)	0.078	0.0020	mg/Kg wet	0.100		78.5	40-140	8.50	30	
gamma-BHC (Lindane) [2C]	0.079	0.0020	mg/Kg wet	0.100		78.9	40-140	7.55	30	
4,4'-DDD	0.094	0.0010	mg/Kg wet	0.100		93.8	40-140	2.11	30	
4,4'-DDD [2C]	0.095	0.0010	mg/Kg wet	0.100		94.8	40-140	0.364	30	
4,4'-DDE	0.096	0.0010	mg/Kg wet	0.100		96.0	40-140	0.740	30	
4,4'-DDE [2C]	0.095	0.0010	mg/Kg wet	0.100		94.7	40-140	0.788	30	
4,4'-DDT	0.086	0.0010	mg/Kg wet	0.100		86.3	40-140	2.88	30	
4,4'-DDT [2C]	0.083	0.0010	mg/Kg wet	0.100		82.9	40-140	2.32	30	
Dieldrin	0.087	0.0020	mg/Kg wet	0.100		87.0	40-140	2.67	30	
Dieldrin [2C]	0.085	0.0020	mg/Kg wet	0.100		84.7	40-140	2.23	30	
Endosulfan I	0.071	0.0050	mg/Kg wet	0.100		71.4	40-140	9.34	30	
Endosulfan I [2C]	0.074	0.0050	mg/Kg wet	0.100		73.6	40-140	8.97	30	
Endosulfan II	0.077	0.0080	mg/Kg wet	0.100		76.8	40-140	7.99	30	
Endosulfan II [2C]	0.078	0.0080	mg/Kg wet	0.100		78.4	40-140	7.75	30	
Endosulfan Sulfate	0.087	0.0080	mg/Kg wet	0.100		86.8	40-140	4.43	30	
Endosulfan Sulfate [2C]	0.085	0.0080	mg/Kg wet	0.100		84.9	40-140	4.69	30	
Endrin	0.087	0.0080	mg/Kg wet	0.100		87.1	40-140	2.26	30	
Endrin [2C]	0.089	0.0080	mg/Kg wet	0.100		88.6	40-140	2.19	30	
Endrin Aldehyde	0.083	0.0080	mg/Kg wet	0.100		83.4	40-140	1.64	30	
Endrin Aldehyde [2C]	0.085	0.0080	mg/Kg wet	0.100		85.2	40-140	0.386	30	
Endrin Ketone	0.094	0.0080	mg/Kg wet	0.100		93.5	40-140	2.39	30	
Endrin Ketone [2C]	0.095	0.0080	mg/Kg wet	0.100		95.1	40-140	2.10	30	
Heptachlor	0.083	0.0050	mg/Kg wet	0.100		83.1	40-140	2.30	30	
Heptachlor [2C]	0.087	0.0050	mg/Kg wet	0.100		87.1	40-140	1.78	30	
Heptachlor Epoxide	0.085	0.0050	mg/Kg wet	0.100		84.7	40-140	2.94	30	
Heptachlor Epoxide [2C]	0.085	0.0050	mg/Kg wet	0.100		85.5	40-140	2.47	30	
Hexachlorobenzene	0.085	0.0060	mg/Kg wet	0.100		85.2	40-140	2.01	30	
Hexachlorobenzene [2C]	0.087	0.0060	mg/Kg wet	0.100		86.9	40-140	1.66	30	
Methoxychlor	0.084	0.050	mg/Kg wet	0.100		84.4	40-140	1.67	30	
Methoxychlor [2C]	0.090	0.050	mg/Kg wet	0.100		90.4	40-140	0.283	30	
Surrogate: Decachlorobiphenyl	0.187		mg/Kg wet	0.200		93.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.188		mg/Kg wet	0.200		93.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.177		mg/Kg wet	0.200		88.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.175		mg/Kg wet	0.200		87.3	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170787 - SW-846 3510C										
Blank (B170787-BLK1)										
Prepared: 02/19/17 Analyzed: 02/21/17										
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	1.95		µg/L	2.00		97.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.91		µg/L	2.00		95.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.95		µg/L	2.00		97.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.81		µg/L	2.00		90.7	30-150			
LCS (B170787-BS1)										
Prepared: 02/19/17 Analyzed: 02/21/17										
Aroclor-1016	0.47	0.20	µg/L	0.500		94.6	40-140			
Aroclor-1016 [2C]	0.46	0.20	µg/L	0.500		92.7	40-140			
Aroclor-1260	0.49	0.20	µg/L	0.500		97.1	40-140			
Aroclor-1260 [2C]	0.46	0.20	µg/L	0.500		91.0	40-140			
Surrogate: Decachlorobiphenyl	1.87		µg/L	2.00		93.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.83		µg/L	2.00		91.5	30-150			
Surrogate: Tetrachloro-m-xylene	1.90		µg/L	2.00		95.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.76		µg/L	2.00		87.9	30-150			
LCS Dup (B170787-BSD1)										
Prepared: 02/19/17 Analyzed: 02/21/17										
Aroclor-1016	0.48	0.20	µg/L	0.500		95.1	40-140	0.550	20	
Aroclor-1016 [2C]	0.47	0.20	µg/L	0.500		93.3	40-140	0.692	20	
Aroclor-1260	0.50	0.20	µg/L	0.500		99.3	40-140	2.22	20	
Aroclor-1260 [2C]	0.47	0.20	µg/L	0.500		93.4	40-140	2.58	20	
Surrogate: Decachlorobiphenyl	1.19		µg/L	2.00		59.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.15		µg/L	2.00		57.7	30-150			
Surrogate: Tetrachloro-m-xylene	1.90		µg/L	2.00		95.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.76		µg/L	2.00		87.8	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170789 - SW-846 3546										
Blank (B170789-BLK1)										
Prepared: 02/18/17 Analyzed: 02/20/17										
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.189		mg/Kg wet	0.200		94.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.178		mg/Kg wet	0.200		89.1	30-150			
Surrogate: Tetrachloro-m-xylene	0.189		mg/Kg wet	0.200		94.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.167		mg/Kg wet	0.200		83.5	30-150			
LCS (B170789-BS1)										
Prepared: 02/18/17 Analyzed: 02/20/17										
Aroclor-1016	0.15	0.020	mg/Kg wet	0.200		73.1	40-140			
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		73.3	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		80.3	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		77.6	40-140			
Surrogate: Decachlorobiphenyl	0.187		mg/Kg wet	0.200		93.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.177		mg/Kg wet	0.200		88.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.174		mg/Kg wet	0.200		87.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.156		mg/Kg wet	0.200		77.8	30-150			
LCS Dup (B170789-BSD1)										
Prepared: 02/18/17 Analyzed: 02/20/17										
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		82.2	40-140	11.7	30	
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		84.7	40-140	14.4	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		83.8	40-140	4.23	30	
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		82.1	40-140	5.62	30	
Surrogate: Decachlorobiphenyl	0.185		mg/Kg wet	0.200		92.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.175		mg/Kg wet	0.200		87.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.188		mg/Kg wet	0.200		94.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.168		mg/Kg wet	0.200		84.1	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B170789 - SW-846 3546

Matrix Spike (B170789-MS1)

Source: 17B0761-01

Prepared: 02/18/17 Analyzed: 02/21/17

Aroclor-1016	0.18	0.12	mg/Kg dry	0.242	ND	74.3	40-140			
Aroclor-1016 [2C]	0.30	0.12	mg/Kg dry	0.242	ND	124	40-140			
Aroclor-1260	0.58	0.12	mg/Kg dry	0.242	ND	240 *	40-140			MS-21
Aroclor-1260 [2C]	0.44	0.12	mg/Kg dry	0.242	ND	180 *	40-140			MS-21
Surrogate: Decachlorobiphenyl	0.154		mg/Kg dry	0.242		63.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.134		mg/Kg dry	0.242		55.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.194		mg/Kg dry	0.242		80.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.180		mg/Kg dry	0.242		74.4	30-150			

Matrix Spike Dup (B170789-MSD1)

Source: 17B0761-01

Prepared: 02/18/17 Analyzed: 02/21/17

Aroclor-1016	0.18	0.12	mg/Kg dry	0.242	ND	75.6	40-140	1.81	30	
Aroclor-1016 [2C]	0.35	0.12	mg/Kg dry	0.242	ND	143 *	40-140	14.8	30	MS-21
Aroclor-1260	0.76	0.12	mg/Kg dry	0.242	ND	314 *	40-140	26.7	30	MS-21
Aroclor-1260 [2C]	0.56	0.12	mg/Kg dry	0.242	ND	234 *	40-140	25.8	30	MS-21
Surrogate: Decachlorobiphenyl	0.149		mg/Kg dry	0.242		61.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.137		mg/Kg dry	0.242		56.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.191		mg/Kg dry	0.242		78.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.180		mg/Kg dry	0.242		74.4	30-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171093 - SW-846 3005A

Blank (B171093-BLK1)

Prepared: 02/23/17 Analyzed: 02/24/17

Aluminum	ND	0.050	mg/L							
Antimony	ND	0.050	mg/L							
Arsenic	ND	0.010	mg/L							
Barium	ND	0.050	mg/L							
Beryllium	ND	0.0040	mg/L							
Cadmium	ND	0.0040	mg/L							
Calcium	ND	0.15	mg/L							
Chromium	ND	0.010	mg/L							
Cobalt	ND	0.050	mg/L							
Copper	ND	0.010	mg/L							
Iron	ND	0.050	mg/L							
Lead	ND	0.010	mg/L							
Magnesium	ND	0.15	mg/L							
Manganese	ND	0.010	mg/L							
Nickel	ND	0.010	mg/L							
Potassium	ND	2.0	mg/L							
Selenium	ND	0.050	mg/L							
Silver	ND	0.0050	mg/L							
Sodium	ND	2.0	mg/L							
Thallium	ND	0.050	mg/L							
Vanadium	ND	0.010	mg/L							
Zinc	ND	0.020	mg/L							

LCS (B171093-BS1)

Prepared: 02/23/17 Analyzed: 02/24/17

Silver	0.460	0.0050	mg/L	0.500		92.1	80-120			
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LCS (B171093-BS2)

Prepared: 02/23/17 Analyzed: 02/24/17

Aluminum	2.00	0.050	mg/L	2.00		99.9	80-120			
Antimony	2.09	0.050	mg/L	2.00		105	80-120			
Arsenic	2.10	0.010	mg/L	2.00		105	80-120			
Barium	2.06	0.050	mg/L	2.00		103	80-120			
Beryllium	2.08	0.0040	mg/L	2.00		104	80-120			
Cadmium	2.13	0.0040	mg/L	2.00		106	80-120			
Calcium	2.11	0.15	mg/L	2.00		106	80-120			
Chromium	2.05	0.010	mg/L	2.00		102	80-120			
Cobalt	2.07	0.050	mg/L	2.00		104	80-120			
Copper	2.06	0.010	mg/L	2.00		103	80-120			
Iron	2.10	0.050	mg/L	2.00		105	80-120			
Lead	2.06	0.010	mg/L	2.00		103	80-120			
Magnesium	2.09	0.15	mg/L	2.00		105	80-120			
Manganese	2.07	0.010	mg/L	2.00		104	80-120			
Nickel	2.09	0.010	mg/L	2.00		104	80-120			
Potassium	20.6	2.0	mg/L	20.0		103	80-120			
Selenium	2.18	0.050	mg/L	2.00		109	80-120			
Sodium	1.94	2.0	mg/L	2.00		97.2	80-120			
Thallium	2.03	0.050	mg/L	2.00		102	80-120			
Vanadium	1.99	0.010	mg/L	2.00		99.7	80-120			
Zinc	2.13	0.020	mg/L	2.00		106	80-120			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171093 - SW-846 3005A										
LCS Dup (B171093-BSD1)										
					Prepared: 02/23/17 Analyzed: 02/24/17					
Silver	0.501	0.0050	mg/L	0.500		100	80-120	8.53	20	
LCS Dup (B171093-BSD2)										
					Prepared: 02/23/17 Analyzed: 02/24/17					
Aluminum	2.01	0.050	mg/L	2.00		100	80-120	0.549	20	
Antimony	2.10	0.050	mg/L	2.00		105	80-120	0.568	20	
Arsenic	2.11	0.010	mg/L	2.00		105	80-120	0.511	20	
Barium	2.08	0.050	mg/L	2.00		104	80-120	0.699	20	
Beryllium	2.10	0.0040	mg/L	2.00		105	80-120	0.985	20	
Cadmium	2.12	0.0040	mg/L	2.00		106	80-120	0.389	20	
Calcium	2.17	0.15	mg/L	2.00		109	80-120	2.74	20	
Chromium	2.04	0.010	mg/L	2.00		102	80-120	0.247	20	
Cobalt	2.07	0.050	mg/L	2.00		103	80-120	0.282	20	
Copper	2.05	0.010	mg/L	2.00		102	80-120	0.295	20	
Iron	2.14	0.050	mg/L	2.00		107	80-120	2.34	20	
Lead	2.06	0.010	mg/L	2.00		103	80-120	0.0924	20	
Magnesium	2.12	0.15	mg/L	2.00		106	80-120	1.24	20	
Manganese	2.12	0.010	mg/L	2.00		106	80-120	2.16	20	
Nickel	2.08	0.010	mg/L	2.00		104	80-120	0.457	20	
Potassium	20.4	2.0	mg/L	20.0		102	80-120	1.31	20	
Selenium	2.18	0.050	mg/L	2.00		109	80-120	0.241	20	
Sodium	1.98	2.0	mg/L	2.00		98.8	80-120	1.67	20	
Thallium	2.02	0.050	mg/L	2.00		101	80-120	0.660	20	
Vanadium	2.01	0.010	mg/L	2.00		100	80-120	0.737	20	
Zinc	2.12	0.020	mg/L	2.00		106	80-120	0.500	20	
Batch B171137 - SW-846 7471										
Blank (B171137-BLK1)										
					Prepared: 02/23/17 Analyzed: 02/24/17					
Mercury	ND	0.025	mg/Kg wet							
LCS (B171137-BS1)										
					Prepared: 02/23/17 Analyzed: 02/24/17					
Mercury	8.80	1.9	mg/Kg wet	9.36		94.0	73.7-126.3			
LCS Dup (B171137-BSD1)										
					Prepared: 02/23/17 Analyzed: 02/24/17					
Mercury	10.3	1.9	mg/Kg wet	9.36		110	73.7-126.3	15.4	30	
Duplicate (B171137-DUP1)										
					Source: 17B0761-01 Prepared: 02/23/17 Analyzed: 02/24/17					
Mercury	0.150	0.030	mg/Kg dry		0.132			12.9	35	
Matrix Spike (B171137-MS1)										
					Source: 17B0761-01 Prepared: 02/23/17 Analyzed: 02/24/17					
Mercury	0.346	0.030	mg/Kg dry	0.197	0.132	109	75-125			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171137 - SW-846 7471

Matrix Spike Dup (B171137-MSD1)

Source: 17B0761-01

Prepared: 02/23/17 Analyzed: 02/24/17

Mercury	0.361	0.030	mg/Kg dry	0.201	0.132	114	75-125	4.20	35	
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Batch B171205 - SW-846 3051

Blank (B171205-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	ND	2.5	mg/Kg wet							
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Calcium	ND	7.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Cobalt	ND	2.5	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Iron	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Magnesium	ND	7.5	mg/Kg wet							
Manganese	ND	0.50	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Potassium	ND	100	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Sodium	ND	100	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							

LCS (B171205-BS1)

Prepared & Analyzed: 02/24/17

Aluminum	5010	5.1	mg/Kg wet	8080		62.0	51.2-148.1			
Antimony	145	5.1	mg/Kg wet	88.2		164	0-210.3			
Arsenic	55.7	5.1	mg/Kg wet	57.0		97.8	77.8-122.1			
Barium	101	5.1	mg/Kg wet	110		92.2	82-117.4			
Beryllium	69.9	0.51	mg/Kg wet	67.5		104	82.3-117.7			
Cadmium	74.8	0.51	mg/Kg wet	77.8		96.2	81.9-118.2			
Calcium	6070	15	mg/Kg wet	6450		94.0	81.9-118.2			
Chromium	62.0	1.0	mg/Kg wet	65.0		95.4	78.7-120.6			
Cobalt	57.0	5.1	mg/Kg wet	58.8		97.0	83-116.7			
Copper	57.0	1.0	mg/Kg wet	56.4		101	80.4-119.6			
Iron	12000	5.1	mg/Kg wet	14700		81.4	46.8-153			
Lead	80.2	1.5	mg/Kg wet	85.6		93.7	82.4-117.8			
Magnesium	2180	15	mg/Kg wet	2710		80.6	75.5-124.2			
Manganese	248	1.0	mg/Kg wet	273		90.9	80.8-119.2			
Nickel	58.6	1.0	mg/Kg wet	61.3		95.7	82.2-117.8			
Potassium	1940	200	mg/Kg wet	2420		80.1	69.9-130.1			
Selenium	83.4	10	mg/Kg wet	78.9		106	77.1-122.3			
Silver	49.8	1.0	mg/Kg wet	54.2		91.9	74.3-125.4			
Sodium	823	200	mg/Kg wet	914		90.1	69.9-130.5			
Thallium	172	5.1	mg/Kg wet	178		96.4	78.2-121.6			
Vanadium	52.2	2.0	mg/Kg wet	56.3		92.8	64.8-135.2			
Zinc	190	2.0	mg/Kg wet	198		96.0	79.7-120.8			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171205 - SW-846 3051

LCS Dup (B171205-BSD1)

Prepared & Analyzed: 02/24/17

Aluminum	4640	5.1	mg/Kg wet	8080		57.4	51.2-148.1	7.72	30	
Antimony	141	5.1	mg/Kg wet	88.2		160	0-210.3	2.63	30	
Arsenic	53.7	5.1	mg/Kg wet	57.0		94.2	77.8-122.1	3.76	30	
Barium	92.4	5.1	mg/Kg wet	110		84.0	82-117.4	9.26	30	
Beryllium	67.4	0.51	mg/Kg wet	67.5		99.9	82.3-117.7	3.55	30	
Cadmium	70.1	0.51	mg/Kg wet	77.8		90.1	81.9-118.2	6.50	30	
Calcium	6040	15	mg/Kg wet	6450		93.7	81.9-118.2	0.357	30	
Chromium	59.6	1.0	mg/Kg wet	65.0		91.7	78.7-120.6	3.99	30	
Cobalt	54.2	5.1	mg/Kg wet	58.8		92.2	83-116.7	5.07	30	
Copper	54.5	1.0	mg/Kg wet	56.4		96.6	80.4-119.6	4.54	30	
Iron	11700	5.1	mg/Kg wet	14700		79.5	46.8-153	2.42	30	
Lead	76.0	1.5	mg/Kg wet	85.6		88.7	82.4-117.8	5.42	30	
Magnesium	2060	15	mg/Kg wet	2710		76.0	75.5-124.2	5.84	30	
Manganese	242	1.0	mg/Kg wet	273		88.8	80.8-119.2	2.37	30	
Nickel	55.6	1.0	mg/Kg wet	61.3		90.7	82.2-117.8	5.30	30	
Potassium	1840	200	mg/Kg wet	2420		75.9	69.9-130.1	5.46	30	
Selenium	80.2	10	mg/Kg wet	78.9		102	77.1-122.3	3.91	30	
Silver	47.5	1.0	mg/Kg wet	54.2		87.7	74.3-125.4	4.72	30	
Sodium	801	200	mg/Kg wet	914		87.7	69.9-130.5	2.73	30	
Thallium	163	5.1	mg/Kg wet	178		91.3	78.2-121.6	5.42	30	
Vanadium	50.1	2.0	mg/Kg wet	56.3		89.1	64.8-135.2	4.11	30	
Zinc	182	2.0	mg/Kg wet	198		91.8	79.7-120.8	4.41	30	

Duplicate (B171205-DUP1)

Source: 17B0761-01

Prepared & Analyzed: 02/24/17

Aluminum	7560	3.0	mg/Kg dry		8670			13.7	35	
Antimony	ND	3.0	mg/Kg dry		ND			NC	35	
Arsenic	ND	3.0	mg/Kg dry		ND			NC	35	
Barium	285	3.0	mg/Kg dry		243			15.7	35	
Beryllium	0.637	0.30	mg/Kg dry		0.754			16.7	35	
Cadmium	3.18	0.30	mg/Kg dry		1.40			77.9 *	35	R-04
Calcium	54400	9.1	mg/Kg dry		53400			1.76	35	
Chromium	197	0.61	mg/Kg dry		153			25.4	35	
Cobalt	12.7	3.0	mg/Kg dry		10.5			19.0	35	
Copper	108	0.61	mg/Kg dry		158			37.0 *	35	R-02
Iron	62100	3.0	mg/Kg dry		52800			16.1	35	
Lead	132	0.91	mg/Kg dry		131			0.224	35	
Magnesium	8770	9.1	mg/Kg dry		8560			2.38	35	
Manganese	763	0.61	mg/Kg dry		713			6.80	35	
Nickel	127	0.61	mg/Kg dry		117			8.05	35	
Potassium	900	120	mg/Kg dry		1040			14.5	35	
Selenium	6.84	6.1	mg/Kg dry		5.58			20.3	35	
Silver	ND	0.61	mg/Kg dry		ND			NC	35	
Sodium	226	120	mg/Kg dry		247			9.09	35	
Thallium	6.40	3.0	mg/Kg dry		6.36			0.764	35	
Vanadium	40.2	1.2	mg/Kg dry		33.5			18.3	35	
Zinc	231	1.2	mg/Kg dry		162			35.1 *	35	R-02

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171205 - SW-846 3051

MRL Check (B171205-MRL1)

Prepared & Analyzed: 02/24/17

Lead	0.766	0.72	mg/Kg wet	0.724		106	80-120			
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Matrix Spike (B171205-MS1)

Source: 17B0761-01

Prepared & Analyzed: 02/24/17

Aluminum	7610	3.0	mg/Kg dry	120	8670	-886	*	75-125		MS-19
Antimony	116	3.0	mg/Kg dry	120	ND	97.3		75-125		MS-22
Arsenic	120	3.0	mg/Kg dry	120	0.455	100		75-125		
Beryllium	113	0.30	mg/Kg dry	120	0.754	94.3		75-125		
Cadmium	113	0.30	mg/Kg dry	120	1.40	93.7		75-125		
Calcium	64000	9.0	mg/Kg dry	120	53400	8830	*	75-125		MS-19
Chromium	289	0.60	mg/Kg dry	120	153	114		75-125		
Cobalt	110	3.0	mg/Kg dry	120	10.5	83.6		75-125		
Copper	252	0.60	mg/Kg dry	120	158	79.1		75-125		
Iron	61100	3.0	mg/Kg dry	120	52800	6900	*	75-125		MS-19
Magnesium	9380	9.0	mg/Kg dry	120	8560	684	*	75-125		MS-19
Manganese	974	0.60	mg/Kg dry	120	713	218	*	75-125		MS-19
Nickel	220	0.60	mg/Kg dry	120	117	86.2		75-125		
Potassium	2180	120	mg/Kg dry	1200	1040	95.2		75-125		
Selenium	120	6.0	mg/Kg dry	120	5.58	95.6		75-125		
Silver	106	0.60	mg/Kg dry	120	ND	88.9		75-125		
Sodium	360	120	mg/Kg dry	120	247	94.1		75-125		MS-22
Thallium	117	3.0	mg/Kg dry	120	6.36	92.9		75-125		
Vanadium	147	1.2	mg/Kg dry	120	33.5	95.2		75-125		
Zinc	320	1.2	mg/Kg dry	120	162	132	*	75-125		MS-12

Matrix Spike Dup (B171205-MSD1)

Source: 17B0761-01

Prepared & Analyzed: 02/24/17

Aluminum	8050	3.0	mg/Kg dry	119	8670	-521	*	75-125	5.60	35	MS-19
Antimony	157	3.0	mg/Kg dry	119	ND	131	*	75-125	29.5	35	MS-22
Arsenic	116	3.0	mg/Kg dry	119	0.455	96.6		75-125	3.81	35	
Beryllium	113	0.30	mg/Kg dry	119	0.754	94.3		75-125	0.277	35	
Cadmium	112	0.30	mg/Kg dry	119	1.40	92.9		75-125	1.12	35	
Calcium	48400	8.9	mg/Kg dry	119	53400	-4200	*	75-125	27.7	35	MS-19
Chromium	277	0.60	mg/Kg dry	119	153	104		75-125	4.36	35	
Cobalt	112	3.0	mg/Kg dry	119	10.5	85.3		75-125	1.51	35	
Copper	303	0.60	mg/Kg dry	119	158	122		75-125	18.2	35	
Iron	64800	3.0	mg/Kg dry	119	52800	10100	*	75-125	5.95	35	MS-19
Magnesium	10200	8.9	mg/Kg dry	119	8560	1340	*	75-125	8.00	35	MS-19
Manganese	952	0.60	mg/Kg dry	119	713	200	*	75-125	2.31	35	MS-19
Nickel	218	0.60	mg/Kg dry	119	117	84.7		75-125	0.982	35	
Potassium	2120	120	mg/Kg dry	1190	1040	90.7		75-125	2.65	35	
Selenium	119	6.0	mg/Kg dry	119	5.58	95.4		75-125	0.552	35	
Silver	106	0.60	mg/Kg dry	119	ND	88.5		75-125	0.730	35	
Sodium	476	120	mg/Kg dry	119	247	192	*	75-125	27.8	35	MS-22
Thallium	116	3.0	mg/Kg dry	119	6.36	92.4		75-125	0.754	35	
Vanadium	148	1.2	mg/Kg dry	119	33.5	96.3		75-125	0.650	35	
Zinc	328	1.2	mg/Kg dry	119	162	139	*	75-125	2.36	35	MS-12

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171271 - SW-846 7470A Prep										
Blank (B171271-BLK1)				Prepared: 02/24/17 Analyzed: 02/27/17						
Mercury	ND	0.00010	mg/L							
LCS (B171271-BS1)				Prepared: 02/24/17 Analyzed: 02/27/17						
Mercury	0.00198	0.00010	mg/L	0.00200		99.2	80-120			
LCS Dup (B171271-BSD1)				Prepared: 02/24/17 Analyzed: 02/27/17						
Mercury	0.00213	0.00010	mg/L	0.00200		107	80-120	7.15	20	
Duplicate (B171271-DUP1)				Source: 17B0761-12			Prepared: 02/24/17 Analyzed: 02/27/17			
Mercury	0.000130	0.00010	mg/L		0.000130			0.221	20	
Matrix Spike (B171271-MS1)				Source: 17B0761-12			Prepared: 02/24/17 Analyzed: 02/27/17			
Mercury	0.00202	0.00010	mg/L	0.00200	0.000130	94.5	75-125			
Batch B171459 - SW-846 3051										
Blank (B171459-BLK1)				Prepared: 02/28/17 Analyzed: 03/01/17						
Barium	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
LCS (B171459-BS1)				Prepared: 02/28/17 Analyzed: 03/01/17						
Barium	97.6	5.1	mg/Kg wet	110		88.7	82-117.4			
Lead	81.7	1.5	mg/Kg wet	85.6		95.5	82.4-117.8			
LCS Dup (B171459-BSD1)				Prepared: 02/28/17 Analyzed: 03/01/17						
Barium	98.7	5.1	mg/Kg wet	110		89.7	82-117.4	1.14	30	
Lead	82.2	1.5	mg/Kg wet	85.6		96.0	82.4-117.8	0.616	30	
Duplicate (B171459-DUP2)				Source: 17B0761-01RE1			Prepared: 02/28/17 Analyzed: 03/01/17			
Barium	250	2.9	mg/Kg dry		229			8.75	35	
Lead	115	0.88	mg/Kg dry		136			16.6	35	
MRL Check (B171459-MRL1)				Prepared: 02/28/17 Analyzed: 03/01/17						
Lead	0.698	0.74	mg/Kg wet	0.738		94.6	80-120			
Matrix Spike (B171459-MS2)				Source: 17B0761-01RE1			Prepared: 02/28/17 Analyzed: 03/01/17			
Barium	403	2.9	mg/Kg dry	118	229	147 *	75-125			MS-22
Lead	370	0.88	mg/Kg dry	118	136	199 *	75-125			MS-23
Matrix Spike Dup (B171459-MSD2)				Source: 17B0761-01RE1			Prepared: 02/28/17 Analyzed: 03/01/17			
Barium	338	2.9	mg/Kg dry	115	229	94.0	75-125	17.5	35	
Lead	256	0.87	mg/Kg dry	115	136	104	75-125	36.5 *	35	R-02

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B170823 - % Solids										
Duplicate (B170823-DUP3)		Source: 17B0761-01			Prepared: 02/20/17 Analyzed: 02/21/17					
% Solids	84.9		% Wt		82.8			2.50	20	
Batch B170926 - SW-846 9014										
Blank (B170926-BLK1)		Prepared & Analyzed: 02/21/17								
Cyanide	ND	0.010	mg/L							
LCS (B170926-BS1)		Prepared & Analyzed: 02/21/17								
Cyanide	0.63	0.010	mg/L	0.616		102	80-120			
LCS Dup (B170926-BSD1)		Prepared & Analyzed: 02/21/17								
Cyanide	0.66	0.010	mg/L	0.616		107	80-120	5.07	20	
Matrix Spike (B170926-MS1)		Source: 17B0761-12			Prepared & Analyzed: 02/21/17					
Cyanide	0.31	0.010	mg/L	0.356	ND	87.8	75-125			
Matrix Spike Dup (B170926-MSD1)		Source: 17B0761-12			Prepared & Analyzed: 02/21/17					
Cyanide	0.31	0.010	mg/L	0.356	ND	87.2	75-125	0.641	20	
Batch B171052 - SW-846 9014										
Blank (B171052-BLK1)		Prepared & Analyzed: 02/21/17								
Cyanide	ND	0.44	mg/Kg wet							
LCS (B171052-BS1)		Prepared & Analyzed: 02/21/17								
Cyanide	58	2.4	mg/Kg wet	61.5		94.0	80-120			
LCS Dup (B171052-BSD1)		Prepared & Analyzed: 02/21/17								
Cyanide	62	2.3	mg/Kg wet	61.0		102	80-120	7.10	20	
Matrix Spike (B171052-MS1)		Source: 17B0761-10			Prepared & Analyzed: 02/21/17					
Cyanide	19	0.51	mg/Kg dry	18.0	1.6	97.3	75-125			
Matrix Spike Dup (B171052-MSD1)		Source: 17B0761-10			Prepared & Analyzed: 02/21/17					
Cyanide	19	0.50	mg/Kg dry	17.6	1.6	99.0	75-125	0.370	35	

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BREAKDOWN REPORT

Lab Sample ID: S013339-PEM1 **Analyzed:** 02/20/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 3.17
Endrin [1] 1.76

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 5.24
Endrin [2] 2.12

BREAKDOWN REPORT

Lab Sample ID: S013382-PEM1 **Analyzed:** 02/22/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 1.47
Endrin [1] 2.44

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 2.39
Endrin [2] 2.63

BREAKDOWN REPORT

Lab Sample ID: S013382-PEM2 **Analyzed:** 02/22/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 2.11
Endrin [1] 2.08

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BREAKDOWN REPORT

Lab Sample ID: S013382-PEM2 **Analyzed:** 02/22/2017

Column Number:	2
Analyte	% Breakdown
4,4'-DDT [2]	3.21
Endrin [2]	2.46

BREAKDOWN REPORT

Lab Sample ID: S013395-PEM1 **Analyzed:** 02/23/2017

Column Number:	1
Analyte	% Breakdown
4,4'-DDT [1]	2.46
Endrin [1]	2.75

Column Number:	2
Analyte	% Breakdown
4,4'-DDT [2]	3.63
Endrin [2]	3.06

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LW-01-Comp2-4-10.2'

SW-846 8082A

Lab Sample ID: 17B0761-01 Date(s) Analyzed: 02/21/2017 02/21/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	1.1	
	2	0.00	0.00	0.00	0.81	34.7

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LW-01-Comp1-0-4'

Lab Sample ID: 17B0761-04 Date(s) Analyzed: 02/21/2017 02/21/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	13	
	2	0.00	0.00	0.00	11	13.6
Aroclor-1260	1	0.00	0.00	0.00	2.7	
	2	0.00	0.00	0.00	2.8	3.3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LW-02-Comp2-4-9.8'

Lab Sample ID: 17B0761-05 Date(s) Analyzed: 02/21/2017 02/21/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	7.7	
	2	0.00	0.00	0.00	6.8	12.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LW-02-Comp1-0-4'

Lab Sample ID: 17B0761-06 Date(s) Analyzed: 02/21/2017 02/21/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	4.4	
	2	0.00	0.00	0.00	3.9	12.0

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LB-25-Comp1-0-2.4'

Lab Sample ID: 17B0761-09 Date(s) Analyzed: 02/21/2017 02/21/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.035	
	2	0.00	0.00	0.00	0.038	7.7

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LW-04-Comp1-0-4.10'

Lab Sample ID: 17B0761-10 Date(s) Analyzed: 02/21/2017 02/21/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.051	
	2	0.00	0.00	0.00	0.045	13.3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS

Lab Sample ID: B170785-BS1 Date(s) Analyzed: 02/23/2017 02/23/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.12	-0.03	0.03	0.94	
	2	7.12	-0.03	0.03	0.90	4
4,4'-DDE	1	6.68	-0.03	0.03	0.91	
	2	6.69	-0.03	0.03	0.90	2
4,4'-DDT	1	7.33	-0.03	0.03	0.91	
	2	7.36	-0.03	0.03	0.87	4
Alachlor	1	6.13	-0.03	0.03	1.0	
	2	5.90	-0.03	0.03	1.0	2
Aldrin	1	6.03	-0.03	0.03	0.88	
	2	5.95	-0.03	0.03	0.87	1
alpha-BHC	1	5.35	-0.03	0.03	0.88	
	2	5.27	-0.03	0.03	0.86	3
beta-BHC	1	5.59	-0.03	0.03	0.87	
	2	5.53	-0.03	0.03	0.84	4
delta-BHC	1	5.70	-0.03	0.03	0.93	
	2	5.71	-0.03	0.03	0.88	6
Dieldrin	1	6.90	-0.03	0.03	0.86	
	2	6.80	-0.03	0.03	0.84	3
Endosulfan I	1	6.72	-0.03	0.03	0.89	
	2	6.60	-0.03	0.03	0.89	0
Endosulfan II	1	7.23	-0.03	0.03	0.90	
	2	7.18	-0.03	0.03	0.89	1
Endosulfan Sulfate	1	7.89	-0.03	0.03	0.91	
	2	7.65	-0.03	0.03	0.89	2
Endrin	1	7.06	-0.03	0.03	0.94	
	2	7.02	-0.03	0.03	0.93	1
Endrin Aldehyde	1	7.55	-0.03	0.03	0.87	
	2	7.44	-0.03	0.03	0.86	2
Endrin Ketone	1	8.09	-0.03	0.03	0.94	
	2	8.06	-0.03	0.03	0.91	3
gamma-BHC (Lindane)	1	5.54	-0.03	0.03	0.91	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B170785-BS1 Date(s) Analyzed: 02/23/2017 02/23/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	5.48	-0.03	0.03	0.89	2
Heptachlor	1	5.84	-0.03	0.03	0.86	
	2	5.74	-0.03	0.03	0.87	1
Heptachlor Epoxide	1	6.45	-0.03	0.03	0.89	
	2	6.33	-0.03	0.03	0.87	2
Hexachlorobenzene	1	5.25	-0.03	0.03	0.88	
	2	5.19	-0.03	0.03	0.83	5
Methoxychlor	1	7.71	-0.03	0.03	0.91	
	2	7.91	-0.03	0.03	0.88	3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS Dup

Lab Sample ID: B170785-BSD1 Date(s) Analyzed: 02/23/2017 02/23/2017
 Instrument ID (1): ECD6 Instrument ID (2): ECD6
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.12	-0.03	0.03	0.92	
	2	7.12	-0.03	0.03	0.88	5
4,4'-DDE	1	6.68	-0.03	0.03	0.90	
	2	6.69	-0.03	0.03	0.88	2
4,4'-DDT	1	7.33	-0.03	0.03	0.90	
	2	7.36	-0.03	0.03	0.85	5
Alachlor	1	6.13	-0.03	0.03	1.0	
	2	5.90	-0.03	0.03	0.99	2
Aldrin	1	6.03	-0.03	0.03	0.87	
	2	5.95	-0.03	0.03	0.86	2
alpha-BHC	1	5.35	-0.03	0.03	0.89	
	2	5.27	-0.03	0.03	0.86	3
beta-BHC	1	5.59	-0.03	0.03	0.86	
	2	5.53	-0.03	0.03	0.83	4
delta-BHC	1	5.70	-0.03	0.03	0.92	
	2	5.71	-0.03	0.03	0.86	7
Dieldrin	1	6.90	-0.03	0.03	0.84	
	2	6.80	-0.03	0.03	0.82	3
Endosulfan I	1	6.72	-0.03	0.03	0.87	
	2	6.60	-0.03	0.03	0.87	0
Endosulfan II	1	7.23	-0.03	0.03	0.88	
	2	7.18	-0.03	0.03	0.86	3
Endosulfan Sulfate	1	7.89	-0.03	0.03	0.89	
	2	7.65	-0.03	0.03	0.87	2
Endrin	1	7.06	-0.03	0.03	0.92	
	2	7.02	-0.03	0.03	0.91	1
Endrin Aldehyde	1	7.55	-0.03	0.03	0.86	
	2	7.44	-0.03	0.03	0.84	3
Endrin Ketone	1	8.09	-0.03	0.03	0.91	
	2	8.05	-0.03	0.03	0.89	3
gamma-BHC (Lindane)	1	5.54	-0.03	0.03	0.91	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS Dup

Lab Sample ID: B170785-BSD1 Date(s) Analyzed: 02/23/2017 02/23/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	5.48	-0.03	0.03	0.88	3
Heptachlor	1	5.84	-0.03	0.03	0.86	
	2	5.74	-0.03	0.03	0.87	1
Heptachlor Epoxide	1	6.45	-0.03	0.03	0.87	
	2	6.33	-0.03	0.03	0.85	2
Hexachlorobenzene	1	5.25	-0.03	0.03	0.87	
	2	5.19	-0.03	0.03	0.83	5
Methoxychlor	1	7.71	-0.03	0.03	0.90	
	2	7.91	-0.03	0.03	0.87	3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS

Lab Sample ID: B170788-BS1 Date(s) Analyzed: 02/20/2017 02/20/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.48	-0.03	0.03	0.096	
	2	7.52	-0.03	0.03	0.095	1
4,4'-DDE	1	7.03	-0.03	0.03	0.097	
	2	7.08	-0.03	0.03	0.095	2
4,4'-DDT	1	7.70	-0.03	0.03	0.089	
	2	7.77	-0.03	0.03	0.085	4
Alachlor	1	6.45	-0.03	0.03	0.10	
	2	6.23	-0.03	0.03	0.10	2
Aldrin	1	6.35	-0.03	0.03	0.089	
	2	6.30	-0.03	0.03	0.089	0
alpha-BHC	1	5.61	-0.03	0.03	0.082	
	2	5.56	-0.03	0.03	0.082	0
alpha-Chlordane	1	6.98	-0.03	0.03	0.090	
	2	6.95	-0.03	0.03	0.092	2
beta-BHC	1	5.88	-0.03	0.03	0.086	
	2	5.84	-0.03	0.03	0.088	3
delta-BHC	1	6.00	-0.03	0.03	0.056	
	2	6.04	-0.03	0.03	0.057	1
Dieldrin	1	7.26	-0.03	0.03	0.089	
	2	7.20	-0.03	0.03	0.087	3
Endosulfan I	1	7.08	-0.03	0.03	0.078	
	2	7.00	-0.03	0.03	0.080	2
Endosulfan II	1	7.61	-0.03	0.03	0.083	
	2	7.60	-0.03	0.03	0.085	2
Endosulfan Sulfate	1	8.25	-0.03	0.03	0.091	
	2	8.07	-0.03	0.03	0.089	2
Endrin	1	7.44	-0.03	0.03	0.089	
	2	7.43	-0.03	0.03	0.091	2
Endrin Aldehyde	1	7.94	-0.03	0.03	0.085	
	2	7.86	-0.03	0.03	0.086	2
Endrin Ketone	1	8.43	-0.03	0.03	0.096	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B170788-BS1 Date(s) Analyzed: 02/20/2017 02/20/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	8.43	-0.03	0.03	0.097	1
gamma-BHC (Lindane)	1	5.82	-0.03	0.03	0.085	
	2	5.79	-0.03	0.03	0.085	0
gamma-Chlordane	1	6.88	-0.03	0.03	0.087	
	2	6.85	-0.03	0.03	0.094	8
Heptachlor	1	6.14	-0.03	0.03	0.085	
	2	6.08	-0.03	0.03	0.089	5
Heptachlor Epoxide	1	6.79	-0.03	0.03	0.087	
	2	6.71	-0.03	0.03	0.088	1
Hexachlorobenzene	1	5.50	-0.03	0.03	0.087	
	2	5.47	-0.03	0.03	0.088	1
Methoxychlor	1	8.07	-0.03	0.03	0.086	
	2	8.28	-0.03	0.03	0.091	6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS Dup

Lab Sample ID: B170788-BSD1 Date(s) Analyzed: 02/20/2017 02/20/2017
 Instrument ID (1): ECD2 Instrument ID (2): ECD2
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.48	-0.03	0.03	0.094	
	2	7.52	-0.03	0.03	0.095	1
4,4'-DDE	1	7.03	-0.03	0.03	0.096	
	2	7.08	-0.03	0.03	0.095	1
4,4'-DDT	1	7.70	-0.03	0.03	0.086	
	2	7.77	-0.03	0.03	0.083	4
Alachlor	1	6.45	-0.03	0.03	0.10	
	2	6.23	-0.03	0.03	0.098	2
Aldrin	1	6.35	-0.03	0.03	0.088	
	2	6.30	-0.03	0.03	0.088	0
alpha-BHC	1	5.61	-0.03	0.03	0.075	
	2	5.56	-0.03	0.03	0.075	0
alpha-Chlordane	1	6.98	-0.03	0.03	0.088	
	2	6.95	-0.03	0.03	0.090	2
beta-BHC	1	5.88	-0.03	0.03	0.083	
	2	5.84	-0.03	0.03	0.086	3
delta-BHC	1	6.00	-0.03	0.03	0.047	
	2	6.04	-0.03	0.03	0.048	3
Dieldrin	1	7.26	-0.03	0.03	0.087	
	2	7.20	-0.03	0.03	0.085	2
Endosulfan I	1	7.08	-0.03	0.03	0.071	
	2	7.00	-0.03	0.03	0.074	4
Endosulfan II	1	7.61	-0.03	0.03	0.077	
	2	7.60	-0.03	0.03	0.078	2
Endosulfan Sulfate	1	8.25	-0.03	0.03	0.087	
	2	8.07	-0.03	0.03	0.085	2
Endrin	1	7.44	-0.03	0.03	0.087	
	2	7.43	-0.03	0.03	0.089	2
Endrin Aldehyde	1	7.94	-0.03	0.03	0.083	
	2	7.86	-0.03	0.03	0.085	2
Endrin Ketone	1	8.43	-0.03	0.03	0.094	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS Dup

SW-846 8081B

Lab Sample ID: B170788-BSD1 Date(s) Analyzed: 02/20/2017 02/20/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	8.43	-0.03	0.03	0.095	2
gamma-BHC (Lindane)	1	5.82	-0.03	0.03	0.078	
	2	5.79	-0.03	0.03	0.079	1
gamma-Chlordane	1	6.88	-0.03	0.03	0.085	
	2	6.85	-0.03	0.03	0.092	8
Heptachlor	1	6.14	-0.03	0.03	0.083	
	2	6.08	-0.03	0.03	0.087	5
Heptachlor Epoxide	1	6.79	-0.03	0.03	0.085	
	2	6.71	-0.03	0.03	0.085	0
Hexachlorobenzene	1	5.50	-0.03	0.03	0.085	
	2	5.47	-0.03	0.03	0.087	2
Methoxychlor	1	8.07	-0.03	0.03	0.084	
	2	8.28	-0.03	0.03	0.090	6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B170789-MSD1 Date(s) Analyzed: 02/21/2017 02/21/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.18	
	2	0.00	0.00	0.00	0.35	63
Aroclor-1260	1	0.00	0.00	0.00	0.76	
	2	0.00	0.00	0.00	0.56	30

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B-01	Methylene chloride is a common laboratory contaminant.
DL-03	Elevated reporting limit due to matrix.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-23	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
PR-15	According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-04	Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 6010C-D in Soil</i>	
Aluminum	CT,NH,NY,ME,VA,NC
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Calcium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Cobalt	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Iron	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Magnesium	CT,NH,NY,ME,VA,NC
Manganese	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Potassium	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Sodium	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
<i>SW-846 6010C-D in Water</i>	
Aluminum	CT,NH,NY,ME,VA,NC
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,RI,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Calcium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Cobalt	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Iron	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Magnesium	CT,NH,NY,ME,VA,NC
Manganese	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Potassium	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Sodium	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC

SW-846 7470A in Water

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8081B in Soil	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8081B in Water	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,VA
Acetone	CT,NH,NY,ME,VA
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,VA
Acrylonitrile	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Benzene	CT,NH,NY,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromobenzene	NH,NY,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,VA
Chloroform	CT,NH,NY,VA
Chloroform	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Cyclohexane	NY
Dibromomethane	NH,NY,VA
Dibromomethane	NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,VA
1,1-Dichloropropene	NH,NY,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,VA
1,4-Dioxane	NY
Ethylbenzene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Styrene	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,VA
Vinyl Chloride	CT,NH,NY,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,VA
o-Xylene	CT,NH,NY,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
o-Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,VA
Bromobenzene	NY
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,VA
Bromoform	CT,NY,ME,NH,VA
Bromomethane	CT,NY,ME,NH,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,ME,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA
Carbon Disulfide	CT,NY,ME,NH,VA
Carbon Tetrachloride	CT,NY,ME,NH,VA
Chlorobenzene	CT,NY,ME,NH,VA
Chlorodibromomethane	CT,NY,ME,NH,VA
Chloroethane	CT,NY,ME,NH,VA
Chloroform	CT,NY,ME,NH,VA
Chloromethane	CT,NY,ME,NH,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Cyclohexane	NY
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA
1,1-Dichloroethane	CT,NY,ME,NH,VA
1,2-Dichloroethane	CT,NY,ME,NH,VA
1,1-Dichloroethylene	CT,NY,ME,NH,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA
1,2-Dichloropropane	CT,NY,ME,NH,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA
Diethyl Ether	NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
1,4-Dioxane	NY
Ethylbenzene	CT,NY,ME,NH,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA
Tetrachloroethylene	CT,NY,ME,NH,VA
Toluene	CT,NY,ME,NH,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,VA
Trichloroethylene	CT,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,VA
m+p Xylene	CT,ME,NH,VA
o-Xylene	CT,ME,NH,VA
<i>SW-846 8270D in Soil</i>	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzidine	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Benzoic Acid	NY,NH,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Soil</i>	
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachloronitrobenzene	NY,NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
SW-846 8270D in Water	
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acetophenone	NY,NC
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,VA
Benzidine	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA
Benzoic Acid	NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
Chrysene	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Water</i>	
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Dimethylphthalate	CT,NY,NC,ME,NH,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NC
Fluoranthene	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Naphthalene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA
4-Nitrophenol	CT,NY,NC,ME,NH,VA
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,VA
N-Nitrosodiphenylamine	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,VA
Phenanthrene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA
Pyrene	CT,NY,NC,ME,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
2-Fluorophenol	NC

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 9014 in Soil</i>	
Cyanide	NY,CT,NC,ME,NH,VA
<i>SW-846 9014 in Water</i>	
Cyanide	NY,CT,NH,NC,ME,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017



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 www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
 East Longmeadow, MA 01028

Company Name: LiRO Engineers
 Address: 690 Delaware Ave.
Buffalo NY 14208
 Attention: Don Williams
 Project Location: 683 Northland
 Sampled By: Kris Cherny

Telephone: 716-807-8714
 Project # 15-029-1054
 Client PO#

DATA DELIVERY (check all that apply)
 FAX EMAIL WEBSITE
 Fax #
 Email:
 Format: PDF EXCEL GIS OTHER
 "Enhanced Data Package"

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Date	Conc. Code
		Beginning Date/Time	Ending Date/Time				
01	LW-01-Comp 2-4-10.2'	2/16/17	0945	✓		S	
02	LW-01/MSD-Comp2-4-10.2'	2/16/17	0945	✓		S	
03	LW-01/MSD-Comp2-4-10.2'	2/16/17	0945	✓		S	
04	LW-01-VOC2-6-8'	2/16/17	0945	✓		S	
05	LW-01-VOC1-2-4'	2/16/17	0915	✓		S	
06	LW-01- Comp -0-4'	2/16/17	0915	✓		S	
07	LW-02-Comp2-4-9.8'	2/16/17	1145	✓		S	
08	LW-02-Comp1-0-4'	2/16/17	1130	✓		S	
09	LW-02-VOC1-0-2'	2/16/17	1130	✓		S	
10	LW-02-VOC2-8-9.8'	2/16/17	1145	✓		S	

Project Proposal Provided? (for billing purposes)
 YES NO proposal date

Requisitioned by: (signature) _____ Date/Time: 2/17/17 1700
 Received by: (signature) _____ Date/Time: _____
 Inquired by: (signature) _____ Date/Time: 2/18/17 1000
 Sealed by: (signature) _____ Date/Time: _____

Turnaround: 7-Day 10-Day Other
 RUSH: 24-Hr 48-Hr 72-Hr 14-Day
 Require lab approval

ANALYSIS REQUESTED	# of Containers	** Preservation	*** Container Code
PCB	1		A
VOC	1		A
RCRA Metals	1		A

Dissolved Metals
 Field Filtered
 Lab to Filter

*** Cont. Code:
 A=amber glass
 G=glass
 P=plastic
 ST=sterile
 V=vial
 S=summa can
 T=tetradar bag
 O=Other

** Preservation
 I = Iced
 H = HCL
 M = Methanol
 N = Nitric Acid
 S = Sulfuric Acid
 B = Sodium bisulfate
 X = Na hydroxide
 T = Na thiosulfate
 O = Other

* Matrix Code:
 GW = groundwater
 WW = wastewater
 DW = drinking water
 A = air
 S = soil/solid
 SL = sludge
 O = other

Is your project MCP or RCP?
 MCP Form Required
 RCP Form Required
 MA State DW Form Required PWSID # _____

Accredited
 NELAC & AIHA-LAP, LLC
 WBE/DBE Certified

Comments:
NYSDEC ASP-B Deliverables



Phone: 413-525-2332
 Fax: 413-525-6405
 Email: info@contestlabs.com
 www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
 East Longmeadow, MA 01028

Page 2 of 2

Company Name: SAME

Telephone: SAME

Address: SAME

Project #

Attention: SAME

Client PO#

Project Location: SAME

DATA DELIVERY (check all that apply)

FAX EMAIL WEBSITE

Fax #

Email:

Project Proposal Provided? (for billing purposes)
 yes no proposal date

Format: PDF XCEL GIS OTHER

"Enhanced Data Package"

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Code	Conc. Code
		Beginning Date/Time	Ending Date/Time				
09-H	LB-25-Comp-0-2-4	2/15/17	1145	✓		S	
10-H	LB-04-Comp-0-4-10	2/15/17	1400	✓		S	
11-H	TRIP Blank	2/17/17			X	DW	
12-H	LRB-01-2-16-17	2/16/17		X			

Comments:

NYSDDEC ASP-B Deliverables

Relinquished by: (signature) [Signature]

Date/Time: 2/17/17 1700

Received by: (signature) [Signature]

Date/Time: 3-4-17 1030

Inquished by: (signature) [Signature]

Date/Time: 2/18/17

Received by: (signature) [Signature]

Date/Time: 2/18/17

Detection Limit Requirements

Masachusetts: _____

Connecticut: _____

Other: _____

Turnaround [†]

7-Day

10-Day

Other _____

RUSH [†]

24-Hr 48-Hr

72-Hr 14-Day

[†] Require lab approval

Is your project MCP or RCP?

MCP Form Required

RCP Form Required

MA State DW Form Required PWSID # _____



Accredited

WBE/DBE Certified



Accredited

WBE/DBE Certified



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WBE/DBE Certified



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IMPORTANT!

FedEx is closely monitoring the Oroville Dam spillway situation in California. [Learn More](#)

FedEx® Tracking

778455348062

Ship date:

Fri 2/17/2017

Actual delivery:

Sat 2/18/2017 10:26 am

Buffalo, NY US

Delivered

Signed for by: *R.FAUST*

EAST LONGMEADOW, MA US

2 Piece shipment

Travel History

Date/Time	Activity	Location
2/18/2017 - Saturday		
10:26 am	Delivered	EAST LONGMEADOW, MA
8:44 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
8:15 am	At local FedEx facility	WINDSOR LOCKS, CT
6:58 am	At destination sort facility	EAST GRANBY, CT
3:46 am	Departed FedEx location	MEMPHIS, TN
2/17/2017 - Friday		
11:28 pm	Arrived at FedEx location	MEMPHIS, TN
5:37 pm	Picked up	CHEEKTOWAGA, NY
10:23 am	Shipment information sent to FedEx	

Shipment Facts

Tracking number	778455348062	Service	FedEx Priority Overnight
Master tracking number	778455348062	Weight	1 lbs / 0.45 kgs
Dimensions	22x15x15 in.	Delivered To	Shipping/Receiving
Total pieces	2	Total shipment weight	2 lbs / 0.91 kgs
Terms	Shipper	Shipper reference	SCA Wildcat IAQ samples
Packaging	Your Packaging	Special handling section	For Saturday Delivery, Additional Handling Surcharge
Standard transit	2/18/2017 by 12:00 pm		



Search or tracking number | Subn

Customer Focus
 New Customer Center
 Small Business Center
 Service Guide
 Customer Support

Featured Services
 FedEx Delivery Manager
 FedEx SameDay
 FedEx Home Delivery
 FedEx TechConnect
 FedEx HealthCare Solutions
 Online Retail Solutions
 Packaging Services
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 FedEx Express
 FedEx Ground
 FedEx Office
 FedEx Freight
 FedEx Custom Critical
 FedEx Trade Networks
 FedEx Cross Border
 FedEx Supply Chain

Follow FedEx

United States - English

Ask FedEx

Other Resources
 FedEx Compatible
 Developer Resource Center
 FedEx Ship Manager Software
 FedEx Mobile

39 Spruce St.
 East Longmeadow, MA. 01028
 P: 413-525-2332
 F: 413-525-6405
 www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: Liro Engineers RECEIVED BY: RLF DATE: 2/18/17

1) Was the chain(s) of custody relinquished and signed? Yes No No COC Incl.
 2) Does the chain agree with the samples? Yes No
 If not, explain:

3) Are all the samples in good condition? Yes No
 If not, explain:

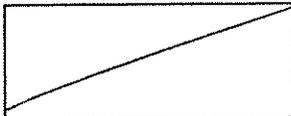
4) How were the samples received:
 On Ice Direct from Sampling Ambient In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 34°C #4

5) Are there Dissolved samples for the lab to filter? Yes No
 Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
 Who was notified _____ Date _____ Time _____

7) Location where samples are stored:  Permission to subcontract samples? Yes No
 (Walk-in clients only) if not already approved
 Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A

9) Do all samples have the proper Base pH: Yes No N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	3	16 oz amber	
500 mL Amber		8 oz amber/clear jar	8
250 mL Amber (8oz amber)		4 oz amber/clear jar	12
1 Liter Plastic	1	2 oz amber/clear jar	
500 mL Plastic	1	Plastic Bag / Ziploc	
250 mL plastic		SOC Kit	
40 mL Vial - type listed below	5	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

40 mL vials: # HCl 3 # Methanol _____ Time and Date Frozen: _____
 Doc# 277 # Bisulfate _____ # DI Water 2 + trip blank waters
 Rev. 4 August 2013 # Thiosulfate _____ Unpreserved _____

Login Sample Receipt Checklist
 (Rejection Criteria Listing - Using Sample Acceptance Policy)
 Any False statement will be brought to the attention of Client

Question	Answer (True/False)	Comment
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Doc #277 Rev. 4 August 2013

Who notified of False statements?
 Log-In Technician Initials:

Date/Time:
 Date/Time:

RLF 2/18/17 1026

March 6, 2017

Jon Williams
LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209-2202

Project Location: 683 Northland Ave., Buffalo, NY
Client Job Number:
Project Number: 20170105 - Northland Ave., Buffalo, NY
Laboratory Work Order Number: 17B0911

Enclosed are results of analyses for samples received by the laboratory on February 23, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right from the end of the signature.

Aaron L. Benoit
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209-2202
ATTN: Jon Williams

REPORT DATE: 3/6/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 20170105 - Northland Ave., Buffalo, NY

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0911

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland Ave., Buffalo, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LRB-02-2-20-17	17B0911-01	Ground Water		SW-846 6010C-D	
				SW-846 7470A	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
LRB-03-2-20-17	17B0911-02	Ground Water		SW-846 9014	
				SW-846 6010C-D	
				SW-846 7470A	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
VOC Trip Blank	17B0911-03	Trip Blank Water		SW-846 8270D	
				SW-846 9014	
				SW-846 6010C-D	
				SW-846 7470A	
				SW-846 8081B	
				SW-846 8082A	
LW-05-COMP1-0-6'	17B0911-04	Soil		SW-846 8260C	
				SM 2540G	
				SW-846 1311	
				SW-846 1312	
				SW-846 6010C-D	
				SW-846 6020A-B	
LW-06-COMP1-0-4'	17B0911-05	Soil		SW-846 7470A	
				SW-846 7471B	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8081B	
LW-06-2-4'	17B0911-06	Soil		SW-846 8082A	
				SW-846 8270D	
				SW-846 9014	
				SM 2540G	
				SW-846 8260C	
				SW-846 6010C-D	
LW-03-COMP1-4-8'	17B0911-07	Soil		SW-846 7470A	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	



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690 Delaware Avenue
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ATTN: Jon Williams

REPORT DATE: 3/6/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 20170105 - Northland Ave., Buffalo, NY

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17B0911

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland Ave., Buffalo, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LW-03/MS/MSD-COMP-4-8'	17B0911-08	Soil		SM 2540G SW-846 6010C-D SW-846 7471B SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Qualifications:

MS-07

Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Chromium

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8'], B171459-MS1

MS-11

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Chromium

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8'], B171459-MSD1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Aluminum

B171208-MS1, B171208-MSD1

Calcium

B171208-MS1, B171208-MSD1

Iron

B171208-MS1, B171208-MSD1

Magnesium

B171208-MS1, B171208-MSD1

Manganese

B171208-MS1, B171208-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Barium

B171208-MS1, B171208-MSD1

Lead

17B0911-08[LW-03/MS/MSD-COMP-4-8'], B171208-MS1, B171208-MSD1

Sodium

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8'], B171459-MS1, B171459-MSD1

Vanadium

17B0911-08[LW-03/MS/MSD-COMP-4-8'], B171208-MS1, B171208-MSD1

Zinc

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8'], B171459-MS1, B171459-MSD1

R-02

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:

Chromium

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8'], B171459-DUP1

R-04

Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).

Analyte & Samples(s) Qualified:

Antimony

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8'], B171459-DUP1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Chromium

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8'], B171459-MSD1

Qualifications:

R-02

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:

Mercury

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8'], B171377-DUP1

SW-846 8081B

Qualifications:

P-01

Result was confirmed using a dissimilar column. Relative percent difference between the two results was >40%. In accordance with the method, the higher result was reported.

Analyte & Samples(s) Qualified:

Hexachlorobenzene

17B0911-07RE1[LW-03-COMP1-4-8']

P-02

Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.

Analyte & Samples(s) Qualified:

4,4'-DDT

17B0911-08RE1[LW-03/MS/MSD-COMP-4-8']

Dieldrin

17B0911-07RE1[LW-03-COMP1-4-8'], 17B0911-08RE1[LW-03/MS/MSD-COMP-4-8']

SW-846 8082A

Qualifications:

P-01

Result was confirmed using a dissimilar column. Relative percent difference between the two results was >40%. In accordance with the method, the higher result was reported.

Analyte & Samples(s) Qualified:

Aroclor-1254 [2C]

17B0911-07[LW-03-COMP1-4-8']

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Aroclor-1016

17B0911-08[LW-03/MS/MSD-COMP-4-8'], B171189-MS1, B171189-MSD1

Aroclor-1016 [2C]

17B0911-08[LW-03/MS/MSD-COMP-4-8'], B171189-MS1, B171189-MSD1

SW-846 8260C

Qualifications:

E

Reported result is estimated. Value reported over verified calibration range.

Analyte & Samples(s) Qualified:

Acetone

17B0911-06[LW-06-2-4'], 17B0911-07[LW-03-COMP1-4-8']

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethane

B171392-BS1, B171392-BSD1, S013430-CCV1

Acrylonitrile

B171392-BS1, B171392-BSD1, S013430-CCV1

Bromochloromethane

B171259-BS1, B171259-BSD1

Methyl Acetate

B171259-BS1, B171259-BSD1

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Chloromethane

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], 17B0911-03[VOC Trip Blank], B171392-BLK1, B171392-BS1, B171392-BSD1, S013430-CCV1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Carbon Disulfide

B171392-BS1

Isopropylbenzene (Cumene)

B171259-BSD1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

tert-Butyl Alcohol (TBA)

17B0911-08[LW-03/MS/MSD-COMP-4-8], B171259-MS1, B171259-MSD1

MS-15

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

2-Hexanone (MBK)

B171259-MS1, B171259-MSD1

4-Methyl-2-pentanone (MIBK)

B171259-MS1, B171259-MSD1

Bromochloromethane

B171259-MS1, B171259-MSD1

Bromoform

B171259-MS1, B171259-MSD1

Methyl Acetate

B171259-MS1, B171259-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB)

B171259-MSD1

1,4-Dioxane

B171259-MSD1

2-Butanone (MEK)

B171259-MSD1

Chlorodibromomethane

B171259-MSD1

PR-03

Sample preserved in the laboratory, not in the field as required by the method.

Analyte & Samples(s) Qualified:

17B0911-06[LW-06-2-4], 17B0911-07[LW-03-COMP1-4-8], 17B0911-08[LW-03/MS/MSD-COMP-4-8]

PR-15

According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.

Analyte & Samples(s) Qualified:

17B0911-06[LW-06-2-4], 17B0911-07[LW-03-COMP1-4-8], 17B0911-08[LW-03/MS/MSD-COMP-4-8]

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

tert-Butyl Alcohol (TBA)

17B0911-06[LW-06-2-4], 17B0911-07[LW-03-COMP1-4-8], 17B0911-08[LW-03/MS/MSD-COMP-4-8], B171259-BLK1, B171259-BS1, B171259-BSD1, B171259-MS1, B171259-MSD1

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

2,2-Dichloropropane

17B0911-06[LW-06-2-4], 17B0911-07[LW-03-COMP1-4-8], 17B0911-08[LW-03/MS/MSD-COMP-4-8], B171259-BLK1, B171259-BS1, B171259-BSD1, B171259-MS1, B171259-MSD1, S013391-CCV1

Chloromethane

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], 17B0911-03[VOC Trip Blank], B171392-BLK1, B171392-BS1, B171392-BSD1, S013430-CCV1

Methyl tert-Butyl Ether (MTBE)

17B0911-06[LW-06-2-4], 17B0911-07[LW-03-COMP1-4-8], 17B0911-08[LW-03/MS/MSD-COMP-4-8], B171259-BLK1, B171259-BS1, B171259-BSD1, B171259-MS1, B171259-MSD1, S013391-CCV1

tert-Butyl Alcohol (TBA)

17B0911-06[LW-06-2-4], 17B0911-07[LW-03-COMP1-4-8], 17B0911-08[LW-03/MS/MSD-COMP-4-8], B171259-BLK1, B171259-BS1, B171259-BSD1, B171259-MS1, B171259-MSD1, S013391-CCV1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethane

B171392-BS1, B171392-BSD1, S013430-CCV1

Acrylonitrile

B171392-BS1, B171392-BSD1, S013430-CCV1

Bromochloromethane

B171259-BS1, B171259-BSD1, S013391-CCV1

Carbon Disulfide

B171392-BS1, B171392-BSD1, S013430-CCV1

Methyl Acetate

B171259-BS1, B171259-BSD1, S013391-CCV1

Methylene Chloride

B171259-BS1, B171259-BSD1, S013391-CCV1

tert-Butyl Alcohol (TBA)

B171392-BS1, B171392-BSD1, S013430-CCV1

Z-01

Acetone is a common laboratory contaminant.

Analyte & Samples(s) Qualified:

Acetone

17B0911-06[LW-06-2-4], 17B0911-07[LW-03-COMP1-4-8]

SW-846 8270D

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Benzidine

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], 17B0911-05[LW-06-COMP1-0-4], 17B0911-07[LW-03-COMP1-4-8],
17B0911-08[LW-03/MS/MSD-COMP-4-8], B171155-BLK1, B171155-BS1, B171155-BSD1, B171185-BLK1, B171185-BS1, B171185-BSD1

MS-08

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol

B171155-MSD1

2-Methylnaphthalene

B171155-MSD1

Benzo(g,h,i)perylene

B171155-MSD1

Naphthalene

B171155-MSD1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

4-Chloroaniline

17B0911-08[LW-03/MS/MSD-COMP-4-8], B171155-MS1, B171155-MSD1

Aniline

17B0911-08[LW-03/MS/MSD-COMP-4-8], B171155-MS1, B171155-MSD1

Benzidine

17B0911-08[LW-03/MS/MSD-COMP-4-8], B171155-MS1, B171155-MSD1

Benzoic Acid

17B0911-08[LW-03/MS/MSD-COMP-4-8], B171155-MS1, B171155-MSD1

Hexachlorocyclopentadiene

17B0911-08[LW-03/MS/MSD-COMP-4-8], B171155-MS1, B171155-MSD1

Pentachlorophenol

17B0911-08[LW-03/MS/MSD-COMP-4-8], B171155-MS1, B171155-MSD1

Pyridine

17B0911-08[LW-03/MS/MSD-COMP-4-8], B171155-MS1, B171155-MSD1

MS-23

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Pyrene

B171155-MSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2-Dichlorobenzene

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

1,3-Dichlorobenzene

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

1,4-Dichlorobenzene

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

2,4-Dimethylphenol

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

2-Methylphenol

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

Benzidine

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

N-Nitrosodimethylamine

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Pyrene

17B0911-08[LW-03/MS/MSD-COMP-4-8'], B171155-MS1

S-07

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol

17B0911-07[LW-03-COMP1-4-8'], 17B0911-08[LW-03/MS/MSD-COMP-4-8']

V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

Analyte & Samples(s) Qualified:

Benzidine

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], 17B0911-05[LW-06-COMP1-0-4'], 17B0911-07[LW-03-COMP1-4-8'], 17B0911-08[LW-03/MS/MSD-COMP-4-8'], B171155-BLK1, B171155-BS1, B171155-BSD1, B171155-MS1, B171155-MSD1, B171185-BLK1, B171185-BS1, B171185-BSD1

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Benzidine

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], 17B0911-05[LW-06-COMP1-0-4'], 17B0911-07[LW-03-COMP1-4-8'], 17B0911-08[LW-03/MS/MSD-COMP-4-8'], B171155-BLK1, B171155-BS1, B171155-BSD1, B171155-MS1, B171155-MSD1, B171185-BLK1, B171185-BS1, B171185-BSD1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

17B0911-05[LW-06-COMP1-0-4'], 17B0911-07[LW-03-COMP1-4-8'], 17B0911-08[LW-03/MS/MSD-COMP-4-8'], B171155-BLK1, B171155-BS1, B171155-BSD1, B171155-MS1, B171155-MSD1, B171185-BLK1, B171185-BS1, B171185-BSD1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

2-Methylphenol

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

3/4-Methylphenol

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

Acetophenone

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

Bis(2-chloroisopropyl)ether

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

N-Nitrosodimethylamine

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

N-Nitrosodi-n-propylamine

17B0911-01[LRB-02-2-20-17], 17B0911-02[LRB-03-2-20-17], B171185-BLK1, B171185-BS1, B171185-BSD1

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Lisa A. Worthington", is written over a light gray rectangular background.

Lisa A. Worthington
Project Manager



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-02-2-20-17

Sampled: 2/20/2017 14:00

Sample ID: 17B0911-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Chloromethane	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	2/27/17	2/27/17 12:11	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-02-2-20-17

Sampled: 2/20/2017 14:00

Sample ID: 17B0911-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:11	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	98.8	70-130	2/27/17 12:11
Toluene-d8	100	70-130	2/27/17 12:11
4-Bromofluorobenzene	93.6	70-130	2/27/17 12:11



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-02-2-20-17

Sampled: 2/20/2017 14:00

Sample ID: 17B0911-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Acetophenone	ND	10	µg/L	1	V-20	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Aniline	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Benzidine	ND	20	µg/L	1	L-04, R-05, V-04, V-05	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-20	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2,4-Dimethylphenol	ND	10	µg/L	1	R-05	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-02-2-20-17

Sampled: 2/20/2017 14:00

Sample ID: 17B0911-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2-Methylphenol	ND	10	µg/L	1	R-05, V-20	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
3/4-Methylphenol	ND	10	µg/L	1	V-20	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	R-05, V-20	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1	V-20	SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:37	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	55.1	15-110	
Phenol-d6	38.2	15-110	
Nitrobenzene-d5	85.0	30-130	
2-Fluorobiphenyl	80.2	30-130	
2,4,6-Tribromophenol	89.3	15-110	
p-Terphenyl-d14	88.2	30-130	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-02-2-20-17

Sampled: 2/20/2017 14:00

Sample ID: 17B0911-01

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21	0.045	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Aldrin [1]	ND	0.052	0.0041	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
alpha-BHC [1]	ND	0.052	0.0031	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
beta-BHC [1]	ND	0.052	0.0041	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
delta-BHC [1]	ND	0.052	0.0052	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
gamma-BHC (Lindane) [1]	ND	0.031	0.0041	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Chlordane [1]	ND	0.21	0.11	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
4,4'-DDD [1]	ND	0.041	0.010	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
4,4'-DDE [1]	ND	0.041	0.0052	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
4,4'-DDT [1]	ND	0.041	0.0041	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Dieldrin [1]	ND	0.0021	0.0021	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Endosulfan I [1]	ND	0.052	0.0041	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Endosulfan II [1]	ND	0.082	0.0041	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Endosulfan sulfate [1]	ND	0.082	0.011	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Endrin [1]	ND	0.082	0.0052	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Endrin aldehyde [1]	ND	0.082	0.013	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Endrin ketone [1]	ND	0.082	0.0041	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Heptachlor [1]	ND	0.052	0.0052	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Heptachlor epoxide [1]	ND	0.052	0.0031	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Hexachlorobenzene [1]	ND	0.052	0.0052	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Methoxychlor [1]	ND	0.52	0.015	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Toxaphene [1]	ND	1.0	0.53	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:26	JMB
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		35.7	30-150						2/28/17 15:26	
Decachlorobiphenyl [2]		35.9	30-150						2/28/17 15:26	
Tetrachloro-m-xylene [1]		80.8	30-150						2/28/17 15:26	
Tetrachloro-m-xylene [2]		74.7	30-150						2/28/17 15:26	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-02-2-20-17

Sampled: 2/20/2017 14:00

Sample ID: 17B0911-01

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:13	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		48.3	30-150					2/27/17 21:13	
Decachlorobiphenyl [2]		55.0	30-150					2/27/17 21:13	
Tetrachloro-m-xylene [1]		85.8	30-150					2/27/17 21:13	
Tetrachloro-m-xylene [2]		97.1	30-150					2/27/17 21:13	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-02-2-20-17

Sampled: 2/20/2017 14:00

Sample ID: 17B0911-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Antimony	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Arsenic	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Barium	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Beryllium	ND	0.0040		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Cadmium	ND	0.0040		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Calcium	ND	0.15		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Chromium	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Cobalt	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Copper	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Iron	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Lead	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Magnesium	ND	0.15		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Manganese	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Mercury	0.00013	0.00010		mg/L	1		SW-846 7470A	2/24/17	2/27/17 8:50	TJK
Nickel	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Potassium	ND	2.0		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Selenium	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Silver	ND	0.0050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Sodium	ND	2.0		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Thallium	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Vanadium	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW
Zinc	ND	0.020		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:31	QNW



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-02-2-20-17

Sampled: 2/20/2017 14:00

Sample ID: 17B0911-01

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	2/28/17	2/28/17 16:25	DJM



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Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-03-2-20-17

Sampled: 2/21/2017 10:00

Sample ID: 17B0911-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Chloromethane	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	2/27/17	2/27/17 12:38	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-03-2-20-17

Sampled: 2/21/2017 10:00

Sample ID: 17B0911-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 12:38	EEH
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		98.8	70-130					2/27/17 12:38	
Toluene-d8		101	70-130					2/27/17 12:38	
4-Bromofluorobenzene		93.5	70-130					2/27/17 12:38	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-03-2-20-17

Sampled: 2/21/2017 10:00

Sample ID: 17B0911-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Acetophenone	ND	10	µg/L	1	V-20	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Aniline	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Benzidine	ND	20	µg/L	1	L-04, R-05, V-04, V-05	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-20	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2,4-Dimethylphenol	ND	10	µg/L	1	R-05	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-03-2-20-17

Sampled: 2/21/2017 10:00

Sample ID: 17B0911-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2-Methylphenol	ND	10	µg/L	1	R-05, V-20	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
3/4-Methylphenol	ND	10	µg/L	1	V-20	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	R-05, V-20	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1	V-20	SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	2/24/17	2/27/17 16:59	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	53.2	15-110	
Phenol-d6	36.0	15-110	
Nitrobenzene-d5	77.9	30-130	
2-Fluorobiphenyl	77.8	30-130	
2,4,6-Tribromophenol	88.7	15-110	
p-Terphenyl-d14	87.8	30-130	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-03-2-20-17

Sampled: 2/21/2017 10:00

Sample ID: 17B0911-02

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21	0.046	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Aldrin [1]	ND	0.053	0.0042	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
alpha-BHC [1]	ND	0.053	0.0032	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
beta-BHC [1]	ND	0.053	0.0042	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
delta-BHC [1]	ND	0.053	0.0053	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
gamma-BHC (Lindane) [1]	ND	0.032	0.0042	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Chlordane [1]	ND	0.21	0.11	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
4,4'-DDD [1]	ND	0.042	0.011	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
4,4'-DDE [1]	ND	0.042	0.0053	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
4,4'-DDT [1]	ND	0.042	0.0042	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Dieldrin [1]	ND	0.0021	0.0021	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Endosulfan I [1]	ND	0.053	0.0042	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Endosulfan II [1]	ND	0.084	0.0042	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Endosulfan sulfate [1]	ND	0.084	0.012	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Endrin [1]	ND	0.084	0.0053	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Endrin aldehyde [1]	ND	0.084	0.014	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Endrin ketone [1]	ND	0.084	0.0042	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Heptachlor [1]	ND	0.053	0.0053	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Heptachlor epoxide [1]	ND	0.053	0.0032	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Hexachlorobenzene [1]	ND	0.053	0.0053	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Methoxychlor [1]	ND	0.53	0.016	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Toxaphene [1]	ND	1.1	0.54	µg/L	1		SW-846 8081B	2/27/17	2/28/17 15:53	JMB
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		31.4	30-150						2/28/17 15:53	
Decachlorobiphenyl [2]		31.6	30-150						2/28/17 15:53	
Tetrachloro-m-xylene [1]		77.1	30-150						2/28/17 15:53	
Tetrachloro-m-xylene [2]		71.9	30-150						2/28/17 15:53	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-03-2-20-17

Sampled: 2/21/2017 10:00

Sample ID: 17B0911-02

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	2/24/17	2/27/17 21:31	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		60.1	30-150					2/27/17 21:31	
Decachlorobiphenyl [2]		67.5	30-150					2/27/17 21:31	
Tetrachloro-m-xylene [1]		78.7	30-150					2/27/17 21:31	
Tetrachloro-m-xylene [2]		91.7	30-150					2/27/17 21:31	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-03-2-20-17

Sampled: 2/21/2017 10:00

Sample ID: 17B0911-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Antimony	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Arsenic	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Barium	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Beryllium	ND	0.0040		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Cadmium	ND	0.0040		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Calcium	0.21	0.15		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Chromium	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Cobalt	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Copper	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Iron	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Lead	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Magnesium	ND	0.15		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Manganese	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Mercury	0.00014	0.00010		mg/L	1		SW-846 7470A	2/24/17	2/27/17 8:51	TJK
Nickel	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Potassium	ND	2.0		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Selenium	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Silver	ND	0.0050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Sodium	ND	2.0		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Thallium	ND	0.050		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Vanadium	ND	0.010		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW
Zinc	ND	0.020		mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 22:35	QNW



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LRB-03-2-20-17

Sampled: 2/21/2017 10:00

Sample ID: 17B0911-02

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	2/28/17	2/28/17 16:25	DJM



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: VOC Trip Blank

Sampled: 2/21/2017 00:00

Sample ID: 17B0911-03

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Chloromethane	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	2/27/17	2/27/17 11:45	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: VOC Trip Blank

Sampled: 2/21/2017 00:00

Sample ID: 17B0911-03

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	2/27/17	2/27/17 11:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	101	70-130	2/27/17 11:45
Toluene-d8	100	70-130	2/27/17 11:45
4-Bromofluorobenzene	92.8	70-130	2/27/17 11:45



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-05-COMP1-0-6'

Sampled: 2/20/2017 12:30

Sample ID: 17B0911-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.4	2.9		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 19:57	SHN
Barium	130	2.9		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 19:57	SHN
Cadmium	1.7	0.29		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 19:57	SHN
Chromium	39	0.58		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 19:57	SHN
Lead	700	0.87		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 19:57	SHN
Mercury	0.45	0.030		mg/Kg dry	1		SW-846 7471B	2/24/17	2/27/17 11:22	TJK
Selenium	5.5	5.8	1.3	mg/Kg dry	1	J	SW-846 6010C-D	2/24/17	2/24/17 19:57	SHN
Silver	ND	0.58		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 19:57	SHN



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-05-COMPI-0-6'

Sampled: 2/20/2017 12:30

Sample ID: 17B0911-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.1		% Wt	1		SM 2540G	2/23/17	2/23/17 23:51	PDM



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-05-COMP1-0-6'

Sampled: 2/20/2017 12:30

Sample ID: 17B0911-04

Sample Matrix: Soil

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	0.011	0.010	mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 20:57	SHN
Mercury	0.00017	0.00010	mg/L	1		SW-846 7470A	2/24/17	2/27/17 9:56	TJK
Barium	0.34	0.050	mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 20:57	SHN
Cadmium	0.0051	0.0040	mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 20:57	SHN
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 20:57	SHN
Lead	0.47	0.010	mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 20:57	SHN
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 20:57	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	2/24/17	2/27/17 20:57	SHN



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-05-COMP1-0-6'

Sampled: 2/20/2017 12:30

Sample ID: 17B0911-04

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A-B	2/24/17	2/28/17 7:22	MJH
Barium	220	50	µg/L	5		SW-846 6020A-B	2/24/17	2/28/17 7:22	MJH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A-B	2/24/17	2/28/17 7:22	MJH
Chromium	ND	5.0	µg/L	5		SW-846 6020A-B	2/24/17	2/28/17 7:22	MJH
Lead	52	5.0	µg/L	5		SW-846 6020A-B	2/24/17	2/28/17 7:22	MJH
Mercury	0.00028	0.00010	mg/L	1		SW-846 7470A	2/24/17	2/27/17 10:03	TJK
Selenium	ND	25	µg/L	5		SW-846 6020A-B	2/24/17	2/28/17 7:22	MJH
Silver	ND	2.5	µg/L	5		SW-846 6020A-B	2/24/17	2/28/17 7:22	MJH



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-COMPI-0-4'

Sampled: 2/21/2017 08:30

Sample ID: 17B0911-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Acetophenone	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Aniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Anthracene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Benzidine	ND	0.68	mg/Kg dry	1	L-04, V-04, V-05	SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Benzo(a)anthracene	0.59	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Benzo(a)pyrene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Benzo(b)fluoranthene	0.53	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Benzo(g,h,i)perylene	0.19	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Benzo(k)fluoranthene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Benzoic Acid	ND	1.0	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Bis(2-Ethylhexyl)phthalate	0.35	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Butylbenzylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Carbazole	0.26	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
4-Chloroaniline	ND	0.68	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
4-Chloro-3-methylphenol	ND	0.68	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Chrysene	0.59	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
1,2-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
1,3-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
1,4-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Dimethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2,4-Dinitrophenol	ND	0.68	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Di-n-octylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Fluoranthene	1.8	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Fluorene	0.22	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-COMPI-0-4'

Sampled: 2/21/2017 08:30

Sample ID: 17B0911-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Hexachlorocyclopentadiene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Indeno(1,2,3-cd)pyrene	0.18	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
4-Nitrophenol	ND	0.68	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
N-Nitrosodimethylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Phenanthrene	2.5	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Pyrene	1.5	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
Pyridine	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:23	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	57.6	30-130	2/25/17 16:23
Phenol-d6	62.4	30-130	2/25/17 16:23
Nitrobenzene-d5	61.5	30-130	2/25/17 16:23
2-Fluorobiphenyl	75.6	30-130	2/25/17 16:23
2,4,6-Tribromophenol	54.6	30-130	2/25/17 16:23
p-Terphenyl-d14	73.1	30-130	2/25/17 16:23



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-COMPI-0-4'

Sampled: 2/21/2017 08:30

Sample ID: 17B0911-05

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Aldrin [1]	ND	0.0021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
alpha-BHC [1]	ND	0.0052		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
beta-BHC [1]	ND	0.0052		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
delta-BHC [1]	ND	0.0052		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
gamma-BHC (Lindane) [1]	ND	0.0021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Chlordane [2]	ND	0.021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
4,4'-DDD [1]	ND	0.0010		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
4,4'-DDE [1]	ND	0.0010		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
4,4'-DDT [2]	0.0018	0.0010		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Dieldrin [1]	ND	0.0021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Endosulfan I [1]	ND	0.0052		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Endosulfan II [1]	ND	0.0083		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Endosulfan sulfate [1]	ND	0.0083		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Endrin [1]	ND	0.0083		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Endrin aldehyde [1]	ND	0.0083		mg/Kg dry	1		SW-846 8081B	2/24/17	3/1/17 13:00	JMB
Endrin ketone [1]	ND	0.0083		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Heptachlor [1]	ND	0.0052		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Heptachlor epoxide [1]	ND	0.0052		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Hexachlorobenzene [1]	ND	0.0062		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Methoxychlor [1]	ND	0.052		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Toxaphene [1]	ND	0.10		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 21:47	JMB
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		73.1		30-150					3/1/17 21:47	
Decachlorobiphenyl [1]		71.8		30-150					3/1/17 13:00	
Decachlorobiphenyl [2]		75.4		30-150					3/1/17 21:47	
Decachlorobiphenyl [2]		74.5		30-150					3/1/17 13:00	
Tetrachloro-m-xylene [1]		76.5		30-150					3/1/17 13:00	
Tetrachloro-m-xylene [1]		79.0		30-150					3/1/17 21:47	
Tetrachloro-m-xylene [2]		66.5		30-150					3/1/17 13:00	
Tetrachloro-m-xylene [2]		69.8		30-150					3/1/17 21:47	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-COMPI-0-4'

Sampled: 2/21/2017 08:30

Sample ID: 17B0911-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	2/24/17	2/28/17 14:55	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		77.8	30-150					2/28/17 14:55	
Decachlorobiphenyl [2]		94.6	30-150					2/28/17 14:55	
Tetrachloro-m-xylene [1]		77.2	30-150					2/28/17 14:55	
Tetrachloro-m-xylene [2]		81.3	30-150					2/28/17 14:55	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-COMPI-0-4'

Sampled: 2/21/2017 08:30

Sample ID: 17B0911-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	3100	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Antimony	ND	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Arsenic	ND	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Barium	34	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Beryllium	0.29	0.25		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Cadmium	0.56	0.25		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Calcium	13000	7.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Chromium	15	0.51		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Cobalt	ND	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Copper	28	0.51		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Iron	19000	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Lead	15	0.76		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Magnesium	4100	7.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Manganese	470	0.51		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Mercury	ND	0.025		mg/Kg dry	1		SW-846 7471B	2/24/17	2/27/17 11:23	TJK
Nickel	15	0.51		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Potassium	470	100		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Selenium	3.9	5.1	1.1	mg/Kg dry	1	J	SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Silver	ND	0.51		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Sodium	380	100		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Thallium	ND	2.5		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Vanadium	8.3	1.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN
Zinc	41	1.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:02	SHN



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-COMPI-0-4'

Sampled: 2/21/2017 08:30

Sample ID: 17B0911-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.90	0.50	mg/Kg dry	1		SW-846 9014	2/27/17	2/28/17 16:25	DJM
% Solids	96.9		% Wt	1		SM 2540G	2/23/17	2/24/17 8:43	MRL



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-2-4'

Sampled: 2/21/2017 08:20

Sample ID: 17B0911-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	53	0.12	mg/Kg dry	1	E, Z-01	SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Acrylonitrile	ND	0.0071	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
tert-Butyl Alcohol (TBA)	ND	0.048	mg/Kg dry	1	R-05, V-05	SW-846 8260C	2/24/17	2/24/17 9:52	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Carbon Disulfide	ND	0.0071	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Chlorodibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Cyclohexane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2-Dibromoethane (EDB)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-2-4'

Sampled: 2/21/2017 08:20

Sample ID: 17B0911-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Methyl Acetate	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Methyl Cyclohexane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Tetrachloroethylene	0.0029	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Toluene	0.0036	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:52	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	97.2	70-130	2/24/17 9:52
Toluene-d8	97.3	70-130	2/24/17 9:52
4-Bromofluorobenzene	92.8	70-130	2/24/17 9:52



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-06-2-4'

Sampled: 2/21/2017 08:20

Sample ID: 17B0911-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.5		% Wt	1		SM 2540G	2/23/17	2/24/17 8:43	MRL



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03-COMPI-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2.8	0.099	mg/Kg dry	1	E, Z-01	SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Acrylonitrile	ND	0.0059	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Bromomethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
tert-Butyl Alcohol (TBA)	ND	0.039	mg/Kg dry	1	R-05, V-05	SW-846 8260C	2/24/17	2/24/17 13:28	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Carbon Disulfide	ND	0.0059	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Chlorodibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Chloromethane	ND	0.0099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Cyclohexane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2-Dibromoethane (EDB)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,3-Dichloropropane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1	V-05	SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
cis-1,3-Dichloropropene	ND	0.00099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
trans-1,3-Dichloropropene	ND	0.00099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03-COMPI-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Diisopropyl Ether (DIPE)	ND	0.00099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,4-Dioxane	ND	0.099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Methyl Acetate	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1	V-05	SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Methyl Cyclohexane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.00099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Tetrahydrofuran	ND	0.0099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,1,1-Trichloroethane	0.0020	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
Vinyl Chloride	ND	0.0099	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 13:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	100	70-130	2/24/17 13:28
Toluene-d8	98.4	70-130	2/24/17 13:28
4-Bromofluorobenzene	88.9	70-130	2/24/17 13:28



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03-COMPI-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Benzidine	ND	0.70	mg/Kg dry	1	L-04, V-04, V-05	SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Benzo(a)anthracene	0.44	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Benzo(a)pyrene	0.40	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Benzo(b)fluoranthene	0.51	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Benzo(g,h,i)perylene	0.25	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Bis(2-Ethylhexyl)phthalate	0.80	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Chrysene	0.44	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Fluoranthene	0.66	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03-COMPI-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
1-Methylnaphthalene	0.68	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2-Methylnaphthalene	0.89	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Naphthalene	0.45	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Phenanthrene	0.75	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Pyrene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 16:47	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		51.7	30-130					2/25/17 16:47	
Phenol-d6		58.0	30-130					2/25/17 16:47	
Nitrobenzene-d5		57.7	30-130					2/25/17 16:47	
2-Fluorobiphenyl		71.6	30-130					2/25/17 16:47	
2,4,6-Tribromophenol		18.8	30-130	*	S-07			2/25/17 16:47	
p-Terphenyl-d14		71.0	30-130					2/25/17 16:47	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03-COMPI-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-07

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Aldrin [1]	ND	0.0021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
alpha-BHC [1]	ND	0.0053		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
beta-BHC [1]	ND	0.0053		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
delta-BHC [1]	ND	0.0053		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
gamma-BHC (Lindane) [1]	ND	0.0021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Chlordane [1]	0.056	0.021		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
4,4'-DDD [1]	ND	0.0011		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
4,4'-DDE [2]	0.019	0.0011		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
4,4'-DDT [1]	0.095	0.0011		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Dieldrin [1]	0.023	0.0021		mg/Kg dry	1	P-02	SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Endosulfan I [1]	ND	0.0053		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Endosulfan II [1]	ND	0.0085		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Endosulfan sulfate [1]	ND	0.0085		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Endrin [1]	ND	0.0085		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Endrin aldehyde [1]	ND	0.0085		mg/Kg dry	1		SW-846 8081B	2/24/17	3/1/17 13:27	JMB
Endrin ketone [1]	ND	0.0085		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Heptachlor [1]	ND	0.0053		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Heptachlor epoxide [1]	ND	0.0053		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Hexachlorobenzene [1]	ND	0.0064		mg/Kg dry	1	P-01	SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Methoxychlor [1]	ND	0.053		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Toxaphene [1]	ND	0.11		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:14	JMB
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		77.7		30-150					3/1/17 22:14	
Decachlorobiphenyl [1]		75.0		30-150					3/1/17 13:27	
Decachlorobiphenyl [2]		71.4		30-150					3/1/17 22:14	
Decachlorobiphenyl [2]		62.2		30-150					3/1/17 13:27	
Tetrachloro-m-xylene [1]		72.9		30-150					3/1/17 13:27	
Tetrachloro-m-xylene [1]		78.5		30-150					3/1/17 22:14	
Tetrachloro-m-xylene [2]		61.8		30-150					3/1/17 13:27	
Tetrachloro-m-xylene [2]		69.2		30-150					3/1/17 22:14	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03-COMPI-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-07

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Aroclor-1248 [2]	0.13	0.11	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Aroclor-1254 [2]	0.50	0.11	mg/Kg dry	5	P-01	SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Aroclor-1260 [2]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:15	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		67.3	30-150					2/28/17 11:15	
Decachlorobiphenyl [2]		79.0	30-150					2/28/17 11:15	
Tetrachloro-m-xylene [1]		65.0	30-150					2/28/17 11:15	
Tetrachloro-m-xylene [2]		69.2	30-150					2/28/17 11:15	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03-COMPI-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	5000	2.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Antimony	3.5	2.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Arsenic	9.9	2.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Barium	88	2.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Beryllium	0.49	0.26		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Cadmium	1.2	0.26		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Calcium	30000	7.8		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Chromium	120	0.52		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Cobalt	4.0	2.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Copper	43	0.52		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Iron	5800	2.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/28/17 11:31	QNW
Lead	93	0.78		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Magnesium	6600	7.8		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Manganese	2800	0.52		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Mercury	0.098	0.027		mg/Kg dry	1		SW-846 7471B	2/24/17	2/27/17 11:28	TJK
Nickel	16	0.52		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Potassium	600	100		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Selenium	3.7	5.2	1.2	mg/Kg dry	1	J	SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Silver	ND	0.52		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Sodium	160	100		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Thallium	ND	2.6		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Vanadium	61	1.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN
Zinc	140	1.0		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/24/17 20:07	SHN



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03-COMP1-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.53	mg/Kg dry	1		SW-846 9014	2/27/17	2/28/17 16:25	DJM
% Solids	93.6		% Wt	1		SM 2540G	2/23/17	2/24/17 8:43	MRL



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03/MS/MSD-COMP-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Acrylonitrile	ND	0.0071	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
2-Butanone (MEK)	ND	0.047	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
tert-Butyl Alcohol (TBA)	ND	0.047	mg/Kg dry	1	MS-09, R-05, V-05	SW-846 8260C	2/24/17	2/24/17 9:25	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Carbon Disulfide	ND	0.0071	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Chlorodibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Cyclohexane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2-Dibromoethane (EDB)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1	V-05	SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03/MS/MSD-COMP-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Methyl Acetate	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	mg/Kg dry	1	V-05	SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Methyl Cyclohexane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
m+p Xylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	2/24/17	2/24/17 9:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	99.2	70-130	2/24/17 9:25
Toluene-d8	98.7	70-130	2/24/17 9:25
4-Bromofluorobenzene	89.4	70-130	2/24/17 9:25

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03/MS/MSD-COMP-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Acetophenone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Aniline	ND	0.42	mg/Kg dry	1	MS-09	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Benzidine	ND	0.82	mg/Kg dry	1	L-04, MS-09, V-04, V-05	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Benzo(a)anthracene	0.67	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Benzo(a)pyrene	0.59	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Benzo(b)fluoranthene	0.77	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Benzo(g,h,i)perylene	0.38	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Benzo(k)fluoranthene	0.22	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	MS-09	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Bis(2-Ethylhexyl)phthalate	1.0	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
4-Chloroaniline	ND	0.82	mg/Kg dry	1	MS-09	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
4-Chloro-3-methylphenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Chrysene	0.76	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
1,2-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
1,3-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
1,4-Dichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2,4-Dinitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Fluoranthene	1.0	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03/MS/MSD-COMP-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1	MS-09	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Indeno(1,2,3-cd)pyrene	0.27	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
1-Methylnaphthalene	0.96	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2-Methylnaphthalene	1.3	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Naphthalene	0.75	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
4-Nitrophenol	ND	0.82	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
N-Nitrosodimethylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1	MS-09	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Phenanthrene	1.1	0.21	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Pyrene	1.9	0.21	mg/Kg dry	1	R-06	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
Pyridine	ND	0.42	mg/Kg dry	1	MS-09	SW-846 8270D	2/23/17	2/25/17 17:11	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	2/23/17	2/25/17 17:11	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	53.4	30-130	
Phenol-d6	58.7	30-130	
Nitrobenzene-d5	59.5	30-130	
2-Fluorobiphenyl	72.8	30-130	
2,4,6-Tribromophenol	21.2	30-130	S-07
p-Terphenyl-d14	74.3	30-130	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03/MS/MSD-COMP-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-08

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.025		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Aldrin [1]	ND	0.0025		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
alpha-BHC [1]	ND	0.0063		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
beta-BHC [1]	ND	0.0063		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
delta-BHC [1]	ND	0.0063		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
gamma-BHC (Lindane) [1]	ND	0.0025		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Chlordane [2]	0.040	0.025		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
4,4'-DDD [1]	ND	0.0013		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
4,4'-DDE [2]	0.0087	0.0013		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
4,4'-DDT [1]	0.0099	0.0013		mg/Kg dry	1	P-02	SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Dieldrin [1]	0.0062	0.0025		mg/Kg dry	1	P-02	SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Endosulfan I [1]	ND	0.0063		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Endosulfan II [1]	ND	0.010		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Endosulfan sulfate [1]	ND	0.010		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Endrin [1]	ND	0.010		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Endrin aldehyde [1]	ND	0.010		mg/Kg dry	1		SW-846 8081B	2/24/17	3/1/17 13:55	JMB
Endrin ketone [1]	ND	0.010		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Heptachlor [1]	ND	0.0063		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Heptachlor epoxide [1]	ND	0.0063		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Hexachlorobenzene [1]	ND	0.0076		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Methoxychlor [1]	ND	0.063		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Toxaphene [1]	ND	0.13		mg/Kg dry	1		SW-846 8081B	3/1/17	3/1/17 22:41	JMB
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		60.1		30-150					3/1/17 22:41	
Decachlorobiphenyl [1]		74.7		30-150					3/1/17 13:55	
Decachlorobiphenyl [2]		53.7		30-150					3/1/17 22:41	
Decachlorobiphenyl [2]		64.8		30-150					3/1/17 13:55	
Tetrachloro-m-xylene [1]		59.3		30-150					3/1/17 22:41	
Tetrachloro-m-xylene [1]		73.0		30-150					3/1/17 13:55	
Tetrachloro-m-xylene [2]		52.8		30-150					3/1/17 22:41	
Tetrachloro-m-xylene [2]		63.2		30-150					3/1/17 13:55	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03/MS/MSD-COMP-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-08

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5	R-06	SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Aroclor-1248 [2]	0.15	0.13	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Aroclor-1254 [2]	0.53	0.13	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	2/24/17	2/28/17 11:33	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		65.4	30-150					2/28/17 11:33	
Decachlorobiphenyl [2]		76.6	30-150					2/28/17 11:33	
Tetrachloro-m-xylene [1]		62.4	30-150					2/28/17 11:33	
Tetrachloro-m-xylene [2]		65.7	30-150					2/28/17 11:33	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03/MS/MSD-COMP-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	8200	3.1		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Antimony	ND	3.1		mg/Kg dry	1	R-04	SW-846 6010C-D	2/28/17	3/1/17 13:24	QNW
Arsenic	15	3.1		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Barium	120	3.1		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Beryllium	0.84	0.31		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Cadmium	0.83	0.31		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Calcium	40000	9.3		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Chromium	170	0.63		mg/Kg dry	1	MS-07, MS-11, R-02, R-06	SW-846 6010C-D	2/28/17	3/1/17 13:24	SHN
Cobalt	4.7	3.1		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Copper	53	0.62		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Iron	43000	15		mg/Kg dry	5		SW-846 6010C-D	2/24/17	2/27/17 17:36	SHN
Lead	170	0.93		mg/Kg dry	1	MS-22	SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Magnesium	7800	9.3		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Manganese	6100	0.62		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Mercury	0.061	0.031		mg/Kg dry	1	R-02	SW-846 7471B	2/28/17	2/28/17 16:39	TJK
Nickel	16	0.62		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Potassium	1000	120		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Selenium	ND	6.2	1.4	mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Silver	ND	0.62		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Sodium	190	130		mg/Kg dry	1	MS-22	SW-846 6010C-D	2/28/17	3/1/17 14:23	SHN
Thallium	ND	3.1		mg/Kg dry	1		SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Vanadium	110	1.2		mg/Kg dry	1	MS-22	SW-846 6010C-D	2/24/17	2/27/17 18:29	SHN
Zinc	120	1.3		mg/Kg dry	1	MS-22	SW-846 6010C-D	2/28/17	3/1/17 13:24	QNW



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave., Buffalo, NY

Sample Description:

Work Order: 17B0911

Date Received: 2/23/2017

Field Sample #: LW-03/MS/MSD-COMP-4-8'

Sampled: 2/20/2017 08:45

Sample ID: 17B0911-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.77	0.62	mg/Kg dry	1		SW-846 9014	2/27/17	2/28/17 16:25	DJM
% Solids	79.4		% Wt	1		SM 2540G	2/23/17	2/24/17 8:43	MRL

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17B0911-04 [LW-05-COMP1-0-6']	B171174	02/23/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17B0911-05 [LW-06-COMP1-0-4']	B171182	02/23/17
17B0911-06 [LW-06-2-4']	B171182	02/23/17
17B0911-07 [LW-03-COMP1-4-8']	B171182	02/23/17
17B0911-08 [LW-03/MS/MSD-COMP-4-8']	B171182	02/23/17

Prep Method: SW-846 3051-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-04 [LW-05-COMP1-0-6']	B171208	1.08	50.0	02/24/17
17B0911-05 [LW-06-COMP1-0-4']	B171208	1.02	50.0	02/24/17
17B0911-07 [LW-03-COMP1-4-8']	B171208	1.03	50.0	02/24/17
17B0911-08 [LW-03/MS/MSD-COMP-4-8']	B171208	1.02	50.0	02/24/17

Prep Method: SW-846 3051-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-08RE1 [LW-03/MS/MSD-COMP-4-8']	B171459	1.00	50.0	02/28/17

Prep Method: SW-846 3005A-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-01 [LRB-02-2-20-17]	B171192	50.0	50.0	02/24/17
17B0911-02 [LRB-03-2-20-17]	B171192	50.0	50.0	02/24/17

Prep Method: SW-846 3010A-SW-846 6010C-D

Leachates were extracted on 2/23/2017 per SW-846 1311 in Batch B171176

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-04 [LW-05-COMP1-0-6']	B171285	50.0	50.0	02/24/17

Prep Method: SW-846 3010A-SW-846 6020A-B

Leachates were extracted on 2/23/2017 per SW-846 1312 in Batch B171179

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-04 [LW-05-COMP1-0-6']	B171286	50.0	50.0	02/24/17

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-01 [LRB-02-2-20-17]	B171271	6.00	6.00	02/24/17
17B0911-02 [LRB-03-2-20-17]	B171271	6.00	6.00	02/24/17

Sample Extraction Data

Prep Method: SW-846 7470A Prep-SW-846 7470A

Leachates were extracted on 2/23/2017 per SW-846 1312 in Batch B171179

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-04 [LW-05-COMP1-0-6']	B171288	6.00	6.00	02/24/17

Prep Method: SW-846 7470A Prep-SW-846 7470A

Leachates were extracted on 2/23/2017 per SW-846 1311 in Batch B171176

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-04 [LW-05-COMP1-0-6']	B171289	6.00	6.00	02/24/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-04 [LW-05-COMP1-0-6']	B171217	0.616	50.0	02/24/17
17B0911-05 [LW-06-COMP1-0-4']	B171217	0.612	50.0	02/24/17
17B0911-07 [LW-03-COMP1-4-8']	B171217	0.598	50.0	02/24/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-08RE1 [LW-03/MS/MSD-COMP-4-8']	B171377	0.613	50.0	02/28/17

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-05 [LW-06-COMP1-0-4']	B171190	10.0	10.0	02/24/17
17B0911-07 [LW-03-COMP1-4-8']	B171190	10.1	10.0	02/24/17
17B0911-08 [LW-03/MS/MSD-COMP-4-8']	B171190	10.0	10.0	02/24/17

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-05RE1 [LW-06-COMP1-0-4']	B171581	10.0	10.0	03/01/17
17B0911-07RE1 [LW-03-COMP1-4-8']	B171581	10.0	10.0	03/01/17
17B0911-08RE1 [LW-03/MS/MSD-COMP-4-8']	B171581	10.0	10.0	03/01/17

Prep Method: SW-846 3510C-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-01 [LRB-02-2-20-17]	B171344	970	10.0	02/27/17
17B0911-02 [LRB-03-2-20-17]	B171344	950	10.0	02/27/17

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-05 [LW-06-COMP1-0-4']	B171189	10.0	10.0	02/24/17
17B0911-07 [LW-03-COMP1-4-8']	B171189	10.1	10.0	02/24/17
17B0911-08 [LW-03/MS/MSD-COMP-4-8']	B171189	10.0	10.0	02/24/17



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Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-01 [LRB-02-2-20-17]	B171280	1000	10.0	02/24/17
17B0911-02 [LRB-03-2-20-17]	B171280	1000	10.0	02/24/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-06 [LW-06-2-4']	B171259	5.43	10.0	02/24/17
17B0911-07 [LW-03-COMP1-4-8']	B171259	5.41	10.0	02/24/17
17B0911-08 [LW-03/MS/MSD-COMP-4-8']	B171259	5.32	10.0	02/24/17

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-01 [LRB-02-2-20-17]	B171392	5	5.00	02/27/17
17B0911-02 [LRB-03-2-20-17]	B171392	5	5.00	02/27/17
17B0911-03 [VOC Trip Blank]	B171392	5	5.00	02/27/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-05 [LW-06-COMP1-0-4']	B171155	30.0	1.00	02/23/17
17B0911-07 [LW-03-COMP1-4-8']	B171155	30.1	1.00	02/23/17
17B0911-08 [LW-03/MS/MSD-COMP-4-8']	B171155	30.3	1.00	02/23/17

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-01 [LRB-02-2-20-17]	B171185	1000	1.00	02/24/17
17B0911-02 [LRB-03-2-20-17]	B171185	1000	1.00	02/24/17

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17B0911-05 [LW-06-COMP1-0-4']	B171510	1.02	50.0	02/27/17
17B0911-07 [LW-03-COMP1-4-8']	B171510	1.01	50.0	02/27/17
17B0911-08 [LW-03/MS/MSD-COMP-4-8']	B171510	1.01	50.0	02/27/17

SW-846 9014

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0911-01 [LRB-02-2-20-17]	B171477	50.0	50.0	02/28/17
17B0911-02 [LRB-03-2-20-17]	B171477	50.0	50.0	02/28/17

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171259 - SW-846 5035

Blank (B171259-BLK1)

Prepared & Analyzed: 02/24/17

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							R-05, V-05
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0020	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
Cyclohexane	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0040	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0020	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							V-05
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171259 - SW-846 5035

Blank (B171259-BLK1)

Prepared & Analyzed: 02/24/17

Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							V-05
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0486		mg/Kg wet	0.0500		97.2	70-130			
Surrogate: Toluene-d8	0.0484		mg/Kg wet	0.0500		96.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.0443		mg/Kg wet	0.0500		88.6	70-130			

LCS (B171259-BS1)

Prepared & Analyzed: 02/24/17

Acetone	0.195	0.10	mg/Kg wet	0.200		97.4	70-160			†
Acrylonitrile	0.0198	0.0060	mg/Kg wet	0.0200		99.2	70-130			
tert-Amyl Methyl Ether (TAME)	0.0165	0.0010	mg/Kg wet	0.0200		82.7	70-130			
Benzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
Bromobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
Bromochloromethane	0.0280	0.0020	mg/Kg wet	0.0200		140 *	70-130			L-02, V-20
Bromodichloromethane	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130			
Bromoform	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130			
Bromomethane	0.0155	0.010	mg/Kg wet	0.0200		77.7	40-130			†
2-Butanone (MEK)	0.210	0.040	mg/Kg wet	0.200		105	70-160			†
tert-Butyl Alcohol (TBA)	0.151	0.040	mg/Kg wet	0.200		75.4	40-130			R-05, V-05 †
n-Butylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
sec-Butylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
tert-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0194	0.0010	mg/Kg wet	0.0200		96.8	70-130			
Carbon Disulfide	0.0215	0.0060	mg/Kg wet	0.0200		108	70-130			
Carbon Tetrachloride	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
Chlorobenzene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130			
Chlorodibromomethane	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
Chloroethane	0.0176	0.020	mg/Kg wet	0.0200		88.2	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171259 - SW-846 5035										
LCS (B171259-BS1)										
Prepared & Analyzed: 02/24/17										
Chloroform	0.0211	0.0040	mg/Kg wet	0.0200		106	70-130			
Chloromethane	0.0202	0.010	mg/Kg wet	0.0200		101	70-130			
2-Chlorotoluene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
4-Chlorotoluene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
Cyclohexane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0189	0.0040	mg/Kg wet	0.0200		94.3	70-130			
1,2-Dibromoethane (EDB)	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
Dibromomethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,3-Dichlorobenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
1,4-Dichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
trans-1,4-Dichloro-2-butene	0.0188	0.0040	mg/Kg wet	0.0200		93.9	70-130			
Dichlorodifluoromethane (Freon 12)	0.0207	0.020	mg/Kg wet	0.0200		104	40-160			†
1,1-Dichloroethane	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2-Dichloroethane	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130			
1,1-Dichloroethylene	0.0229	0.0040	mg/Kg wet	0.0200		114	70-130			
cis-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
trans-1,2-Dichloroethylene	0.0252	0.0020	mg/Kg wet	0.0200		126	70-130			
1,2-Dichloropropane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,3-Dichloropropane	0.0193	0.0010	mg/Kg wet	0.0200		96.6	70-130			
2,2-Dichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130			V-05
1,1-Dichloropropene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
cis-1,3-Dichloropropene	0.0185	0.0010	mg/Kg wet	0.0200		92.6	70-130			
trans-1,3-Dichloropropene	0.0186	0.0010	mg/Kg wet	0.0200		93.0	70-130			
Diethyl Ether	0.0205	0.020	mg/Kg wet	0.0200		102	70-130			
Diisopropyl Ether (DIPE)	0.0232	0.0010	mg/Kg wet	0.0200		116	70-130			
1,4-Dioxane	0.160	0.10	mg/Kg wet	0.200		80.2	40-160			†
Ethylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
Hexachlorobutadiene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-160			
2-Hexanone (MBK)	0.216	0.020	mg/Kg wet	0.200		108	70-160			†
Isopropylbenzene (Cumene)	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130			
p-Isopropyltoluene (p-Cymene)	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			
Methyl Acetate	0.0296	0.0020	mg/Kg wet	0.0200		148 *	70-130			L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0178	0.0040	mg/Kg wet	0.0200		88.9	70-130			V-05
Methyl Cyclohexane	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			
Methylene Chloride	0.0256	0.020	mg/Kg wet	0.0200		128	40-160			V-20 †
4-Methyl-2-pentanone (MIBK)	0.218	0.020	mg/Kg wet	0.200		109	70-160			†
Naphthalene	0.0157	0.0040	mg/Kg wet	0.0200		78.6	40-130			†
n-Propylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
Styrene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,1,1,2-Tetrachloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
1,1,2,2-Tetrachloroethane	0.0188	0.0010	mg/Kg wet	0.0200		94.2	70-130			
Tetrachloroethylene	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130			
Tetrahydrofuran	0.0201	0.010	mg/Kg wet	0.0200		101	70-130			
Toluene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2,3-Trichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130			
1,2,4-Trichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130			
1,3,5-Trichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130			
1,1,1-Trichloroethane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,2-Trichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130			
Trichloroethylene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130			
Trichlorofluoromethane (Freon 11)	0.0249	0.010	mg/Kg wet	0.0200		125	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171259 - SW-846 5035

LCS (B171259-BS1)

Prepared & Analyzed: 02/24/17

1,2,3-Trichloropropane	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0218	0.010	mg/Kg wet	0.0200		109	70-130			
1,2,4-Trimethylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
1,3,5-Trimethylbenzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130			
Vinyl Chloride	0.0188	0.010	mg/Kg wet	0.0200		94.1	40-130			†
m+p Xylene	0.0452	0.0040	mg/Kg wet	0.0400		113	70-130			
o-Xylene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0486		mg/Kg wet	0.0500		97.2	70-130			
Surrogate: Toluene-d8	0.0491		mg/Kg wet	0.0500		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.0478		mg/Kg wet	0.0500		95.5	70-130			

LCS Dup (B171259-BSD1)

Prepared & Analyzed: 02/24/17

Acetone	0.216	0.10	mg/Kg wet	0.200		108	70-160	10.4	25	†
Acrylonitrile	0.0201	0.0060	mg/Kg wet	0.0200		100	70-130	1.10	25	
tert-Amyl Methyl Ether (TAME)	0.0167	0.0010	mg/Kg wet	0.0200		83.7	70-130	1.20	25	
Benzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	1.26	25	
Bromobenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	9.51	25	
Bromochloromethane	0.0287	0.0020	mg/Kg wet	0.0200		144 *	70-130	2.61	25	L-02, V-20
Bromodichloromethane	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130	4.51	25	
Bromoform	0.0249	0.0020	mg/Kg wet	0.0200		124	70-130	7.94	25	
Bromomethane	0.0159	0.010	mg/Kg wet	0.0200		79.4	40-130	2.16	25	†
2-Butanone (MEK)	0.223	0.040	mg/Kg wet	0.200		112	70-160	6.43	25	†
tert-Butyl Alcohol (TBA)	0.109	0.040	mg/Kg wet	0.200		54.3	40-130	32.5 *	25	R-05, V-05 †
n-Butylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130	9.63	25	
sec-Butylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	10.4	25	
tert-Butylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-160	8.98	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0189	0.0010	mg/Kg wet	0.0200		94.4	70-130	2.51	25	
Carbon Disulfide	0.0217	0.0060	mg/Kg wet	0.0200		109	70-130	1.11	25	
Carbon Tetrachloride	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	0.839	25	
Chlorobenzene	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130	9.39	25	
Chlorodibromomethane	0.0255	0.0020	mg/Kg wet	0.0200		127	70-130	7.67	25	
Chloroethane	0.0183	0.020	mg/Kg wet	0.0200		91.3	70-130	3.45	25	
Chloroform	0.0212	0.0040	mg/Kg wet	0.0200		106	70-130	0.378	25	
Chloromethane	0.0215	0.010	mg/Kg wet	0.0200		107	70-130	5.95	25	
2-Chlorotoluene	0.0252	0.0020	mg/Kg wet	0.0200		126	70-130	9.75	25	
4-Chlorotoluene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	10.4	25	
Cyclohexane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	1.63	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0215	0.0040	mg/Kg wet	0.0200		107	70-130	13.0	25	
1,2-Dibromoethane (EDB)	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	8.87	25	
Dibromomethane	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	1.00	25	
1,2-Dichlorobenzene	0.0239	0.0020	mg/Kg wet	0.0200		119	70-130	10.4	25	
1,3-Dichlorobenzene	0.0241	0.0020	mg/Kg wet	0.0200		121	70-130	8.64	25	
1,4-Dichlorobenzene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	9.68	25	
trans-1,4-Dichloro-2-butene	0.0215	0.0040	mg/Kg wet	0.0200		108	70-130	13.5	25	
Dichlorodifluoromethane (Freon 12)	0.0211	0.020	mg/Kg wet	0.0200		106	40-160	1.72	25	†
1,1-Dichloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	2.11	25	
1,2-Dichloroethane	0.0247	0.0020	mg/Kg wet	0.0200		123	70-130	2.46	25	
1,1-Dichloroethylene	0.0229	0.0040	mg/Kg wet	0.0200		115	70-130	0.175	25	
cis-1,2-Dichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	0.497	25	
trans-1,2-Dichloroethylene	0.0259	0.0020	mg/Kg wet	0.0200		129	70-130	2.66	25	
1,2-Dichloropropane	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	0.452	25	
1,3-Dichloropropane	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130	8.52	25	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171259 - SW-846 5035										
LCS Dup (B171259-BSD1)										
Prepared & Analyzed: 02/24/17										
2,2-Dichloropropane	0.0170	0.0020	mg/Kg wet	0.0200		85.1	70-130	6.26	25	V-05
1,1-Dichloropropene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	2.20	25	
cis-1,3-Dichloropropene	0.0196	0.0010	mg/Kg wet	0.0200		98.1	70-130	5.77	25	
trans-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.3	70-130	6.55	25	
Diethyl Ether	0.0192	0.020	mg/Kg wet	0.0200		96.2	70-130	6.34	25	
Diisopropyl Ether (DIPE)	0.0225	0.0010	mg/Kg wet	0.0200		112	70-130	3.32	25	
1,4-Dioxane	0.158	0.10	mg/Kg wet	0.200		79.2	40-160	1.27	50	† ‡
Ethylbenzene	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130	8.13	25	
Hexachlorobutadiene	0.0253	0.0020	mg/Kg wet	0.0200		126	70-160	5.44	25	
2-Hexanone (MBK)	0.241	0.020	mg/Kg wet	0.200		121	70-160	11.2	25	†
Isopropylbenzene (Cumene)	0.0263	0.0020	mg/Kg wet	0.0200		132 *	70-130	10.4	25	L-07
p-Isopropyltoluene (p-Cymene)	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130	8.13	25	
Methyl Acetate	0.0289	0.0020	mg/Kg wet	0.0200		145 *	70-130	2.32	25	L-02, V-20
Methyl tert-Butyl Ether (MTBE)	0.0153	0.0040	mg/Kg wet	0.0200		76.6	70-130	14.9	25	V-05
Methyl Cyclohexane	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	2.82	25	
Methylene Chloride	0.0258	0.020	mg/Kg wet	0.0200		129	40-160	0.623	25	V-20 †
4-Methyl-2-pentanone (MIBK)	0.241	0.020	mg/Kg wet	0.200		120	70-160	10.1	25	†
Naphthalene	0.0184	0.0040	mg/Kg wet	0.0200		91.9	40-130	15.6	25	†
n-Propylbenzene	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130	9.45	25	
Styrene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	8.28	25	
1,1,1,2-Tetrachloroethane	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130	9.90	25	
1,1,2,2-Tetrachloroethane	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130	10.1	25	
Tetrachloroethylene	0.0257	0.0020	mg/Kg wet	0.0200		128	70-130	4.38	25	
Tetrahydrofuran	0.0228	0.010	mg/Kg wet	0.0200		114	70-130	12.2	25	
Toluene	0.0233	0.0020	mg/Kg wet	0.0200		117	70-130	5.01	25	
1,2,3-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.0	70-130	4.24	25	
1,2,4-Trichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130	8.09	25	
1,3,5-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	9.40	25	
1,1,1-Trichloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	2.06	25	
1,1,2-Trichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	2.75	25	
Trichloroethylene	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130	4.93	25	
Trichlorofluoromethane (Freon 11)	0.0244	0.010	mg/Kg wet	0.0200		122	70-130	2.19	25	
1,2,3-Trichloropropane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	16.3	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0218	0.010	mg/Kg wet	0.0200		109	70-130	0.367	25	
1,2,4-Trimethylbenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	8.98	25	
1,3,5-Trimethylbenzene	0.0245	0.0020	mg/Kg wet	0.0200		122	70-130	8.33	25	
Vinyl Chloride	0.0191	0.010	mg/Kg wet	0.0200		95.4	40-130	1.37	25	†
m+p Xylene	0.0487	0.0040	mg/Kg wet	0.0400		122	70-130	7.28	25	
o-Xylene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	10.9	25	
Surrogate: 1,2-Dichloroethane-d4	0.0493		mg/Kg wet	0.0500		98.7	70-130			
Surrogate: Toluene-d8	0.0498		mg/Kg wet	0.0500		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0486		mg/Kg wet	0.0500		97.1	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171259 - SW-846 5035										
Matrix Spike (B171259-MS1)	Source: 17B0911-08			Prepared & Analyzed: 02/24/17						
Acetone	0.327	0.12	mg/Kg dry	0.242	0.0497	115	70-130			
Acrylonitrile	0.0256	0.0073	mg/Kg dry	0.0242	ND	106	70-130			
tert-Amyl Methyl Ether (TAME)	0.0215	0.0012	mg/Kg dry	0.0242	ND	88.8	70-130			
Benzene	0.0249	0.0024	mg/Kg dry	0.0242	ND	103	70-130			
Bromobenzene	0.0247	0.0024	mg/Kg dry	0.0242	ND	102	70-130			
Bromochloromethane	0.0339	0.0024	mg/Kg dry	0.0242	ND	140 *	70-130			MS-15
Bromodichloromethane	0.0283	0.0024	mg/Kg dry	0.0242	ND	117	70-130			
Bromoform	0.0319	0.0024	mg/Kg dry	0.0242	ND	132 *	70-130			MS-15
Bromomethane	0.0205	0.012	mg/Kg dry	0.0242	ND	84.8	70-130			
2-Butanone (MEK)	0.299	0.048	mg/Kg dry	0.242	ND	123	70-130			
tert-Butyl Alcohol (TBA)	0.139	0.048	mg/Kg dry	0.242	ND	57.3 *	70-130			R-05, V-05, MS-09
n-Butylbenzene	0.0263	0.0024	mg/Kg dry	0.0242	ND	109	70-130			
sec-Butylbenzene	0.0281	0.0024	mg/Kg dry	0.0242	ND	116	70-130			
tert-Butylbenzene	0.0279	0.0024	mg/Kg dry	0.0242	ND	115	70-130			
tert-Butyl Ethyl Ether (TBEE)	0.0242	0.0012	mg/Kg dry	0.0242	ND	100	70-130			
Carbon Disulfide	0.0243	0.0073	mg/Kg dry	0.0242	ND	100	70-130			
Carbon Tetrachloride	0.0244	0.0024	mg/Kg dry	0.0242	ND	101	70-130			
Chlorobenzene	0.0279	0.0024	mg/Kg dry	0.0242	ND	115	70-130			
Chlorodibromomethane	0.0301	0.0024	mg/Kg dry	0.0242	ND	124	70-130			
Chloroethane	0.0219	0.024	mg/Kg dry	0.0242	ND	90.6	70-130			
Chloroform	0.0252	0.0048	mg/Kg dry	0.0242	ND	104	70-130			
Chloromethane	0.0248	0.012	mg/Kg dry	0.0242	ND	102	70-130			
2-Chlorotoluene	0.0280	0.0024	mg/Kg dry	0.0242	ND	116	70-130			
4-Chlorotoluene	0.0258	0.0024	mg/Kg dry	0.0242	ND	107	70-130			
Cyclohexane	0.0253	0.0024	mg/Kg dry	0.0242	ND	104	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0292	0.0048	mg/Kg dry	0.0242	ND	121	70-130			
1,2-Dibromoethane (EDB)	0.0274	0.0024	mg/Kg dry	0.0242	ND	113	70-130			
Dibromomethane	0.0276	0.0024	mg/Kg dry	0.0242	ND	114	70-130			
1,2-Dichlorobenzene	0.0284	0.0024	mg/Kg dry	0.0242	ND	117	70-130			
1,3-Dichlorobenzene	0.0281	0.0024	mg/Kg dry	0.0242	ND	116	70-130			
1,4-Dichlorobenzene	0.0265	0.0024	mg/Kg dry	0.0242	ND	109	70-130			
trans-1,4-Dichloro-2-butene	0.0254	0.0048	mg/Kg dry	0.0242	ND	105	70-130			
Dichlorodifluoromethane (Freon 12)	0.0242	0.024	mg/Kg dry	0.0242	ND	99.8	70-130			
1,1-Dichloroethane	0.0264	0.0024	mg/Kg dry	0.0242	ND	109	70-130			
1,2-Dichloroethane	0.0309	0.0024	mg/Kg dry	0.0242	ND	128	70-130			
1,1-Dichloroethylene	0.0263	0.0048	mg/Kg dry	0.0242	ND	109	70-130			
cis-1,2-Dichloroethylene	0.0241	0.0024	mg/Kg dry	0.0242	ND	99.3	70-130			
trans-1,2-Dichloroethylene	0.0308	0.0024	mg/Kg dry	0.0242	ND	127	70-130			
1,2-Dichloropropane	0.0268	0.0024	mg/Kg dry	0.0242	ND	111	70-130			
1,3-Dichloropropane	0.0259	0.0012	mg/Kg dry	0.0242	ND	107	70-130			
2,2-Dichloropropane	0.0197	0.0024	mg/Kg dry	0.0242	ND	81.2	70-130			V-05
1,1-Dichloropropene	0.0241	0.0024	mg/Kg dry	0.0242	ND	99.6	70-130			
cis-1,3-Dichloropropene	0.0229	0.0012	mg/Kg dry	0.0242	ND	94.6	70-130			
trans-1,3-Dichloropropene	0.0230	0.0012	mg/Kg dry	0.0242	ND	95.0	70-130			
Diethyl Ether	0.0265	0.024	mg/Kg dry	0.0242	0.00223	100	70-130			
Diisopropyl Ether (DIPE)	0.0278	0.0012	mg/Kg dry	0.0242	ND	115	70-130			
1,4-Dioxane	0.285	0.12	mg/Kg dry	0.242	ND	118	70-130			
Ethylbenzene	0.0273	0.0024	mg/Kg dry	0.0242	ND	113	70-130			
Hexachlorobutadiene	0.0267	0.0024	mg/Kg dry	0.0242	ND	110	70-130			
2-Hexanone (MBK)	0.327	0.024	mg/Kg dry	0.242	ND	135 *	70-130			MS-15
Isopropylbenzene (Cumene)	0.0294	0.0024	mg/Kg dry	0.0242	ND	121	70-130			
p-Isopropyltoluene (p-Cymene)	0.0278	0.0024	mg/Kg dry	0.0242	ND	115	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171259 - SW-846 5035										
Matrix Spike (B171259-MS1)										
			Source: 17B0911-08		Prepared & Analyzed: 02/24/17					
Methyl Acetate	0.0544	0.0024	mg/Kg dry	0.0242	ND	225 *	70-130			MS-15
Methyl tert-Butyl Ether (MTBE)	0.0202	0.0048	mg/Kg dry	0.0242	ND	83.5	70-130			V-05
Methyl Cyclohexane	0.0248	0.0024	mg/Kg dry	0.0242	ND	102	70-130			
Methylene Chloride	0.0328	0.024	mg/Kg dry	0.0242	0.00985	94.8	70-130			
4-Methyl-2-pentanone (MIBK)	0.319	0.024	mg/Kg dry	0.242	ND	132 *	70-130			MS-15
Naphthalene	0.0241	0.0048	mg/Kg dry	0.0242	ND	99.6	70-130			
n-Propylbenzene	0.0267	0.0024	mg/Kg dry	0.0242	ND	110	70-130			
Styrene	0.0266	0.0024	mg/Kg dry	0.0242	ND	110	70-130			
1,1,1,2-Tetrachloroethane	0.0293	0.0024	mg/Kg dry	0.0242	ND	121	70-130			
1,1,2,2-Tetrachloroethane	0.0250	0.0012	mg/Kg dry	0.0242	ND	103	70-130			
Tetrachloroethylene	0.0289	0.0024	mg/Kg dry	0.0242	ND	119	70-130			
Tetrahydrofuran	0.0297	0.012	mg/Kg dry	0.0242	ND	123	70-130			
Toluene	0.0274	0.0024	mg/Kg dry	0.0242	ND	113	70-130			
1,2,3-Trichlorobenzene	0.0242	0.0024	mg/Kg dry	0.0242	ND	100	70-130			
1,2,4-Trichlorobenzene	0.0217	0.0024	mg/Kg dry	0.0242	ND	89.7	70-130			
1,3,5-Trichlorobenzene	0.0245	0.0024	mg/Kg dry	0.0242	ND	101	70-130			
1,1,1-Trichloroethane	0.0256	0.0024	mg/Kg dry	0.0242	0.00135	100	70-130			
1,1,2-Trichloroethane	0.0270	0.0024	mg/Kg dry	0.0242	ND	111	70-130			
Trichloroethylene	0.0296	0.0024	mg/Kg dry	0.0242	ND	122	70-130			
Trichlorofluoromethane (Freon 11)	0.0288	0.012	mg/Kg dry	0.0242	ND	119	70-130			
1,2,3-Trichloropropane	0.0268	0.0024	mg/Kg dry	0.0242	ND	110	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0249	0.012	mg/Kg dry	0.0242	ND	103	70-130			
1,2,4-Trimethylbenzene	0.0267	0.0024	mg/Kg dry	0.0242	ND	110	70-130			
1,3,5-Trimethylbenzene	0.0270	0.0024	mg/Kg dry	0.0242	ND	112	70-130			
Vinyl Chloride	0.0227	0.012	mg/Kg dry	0.0242	ND	93.7	70-130			
m+p Xylene	0.0550	0.0048	mg/Kg dry	0.0484	ND	114	70-130			
o-Xylene	0.0272	0.0024	mg/Kg dry	0.0242	ND	112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0591		mg/Kg dry	0.0606		97.6	70-130			
Surrogate: Toluene-d8	0.0602		mg/Kg dry	0.0606		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.0568		mg/Kg dry	0.0606		93.8	70-130			
Matrix Spike Dup (B171259-MSD1)										
			Source: 17B0911-08		Prepared & Analyzed: 02/24/17					
Acetone	0.349	0.12	mg/Kg dry	0.247	0.0497	121	70-130	6.45	30	
Acrylonitrile	0.0287	0.0074	mg/Kg dry	0.0247	ND	116	70-130	11.4	30	
tert-Amyl Methyl Ether (TAME)	0.0219	0.0012	mg/Kg dry	0.0247	ND	88.7	70-130	1.83	30	
Benzene	0.0254	0.0025	mg/Kg dry	0.0247	ND	103	70-130	2.23	30	
Bromobenzene	0.0266	0.0025	mg/Kg dry	0.0247	ND	108	70-130	7.66	30	
Bromochloromethane	0.0357	0.0025	mg/Kg dry	0.0247	ND	145 *	70-130	5.17	30	MS-15
Bromodichloromethane	0.0286	0.0025	mg/Kg dry	0.0247	ND	116	70-130	1.08	30	
Bromoform	0.0330	0.0025	mg/Kg dry	0.0247	ND	134 *	70-130	3.30	30	MS-15
Bromomethane	0.0205	0.012	mg/Kg dry	0.0247	ND	83.1	70-130	0.0832	30	
2-Butanone (MEK)	0.332	0.049	mg/Kg dry	0.247	ND	134 *	70-130	10.6	30	MS-24
tert-Butyl Alcohol (TBA)	0.150	0.049	mg/Kg dry	0.247	ND	60.6 *	70-130	7.45	30	MS-09, R-05, V-05
n-Butylbenzene	0.0287	0.0025	mg/Kg dry	0.0247	ND	116	70-130	8.61	30	
sec-Butylbenzene	0.0302	0.0025	mg/Kg dry	0.0247	ND	122	70-130	7.14	30	
tert-Butylbenzene	0.0296	0.0025	mg/Kg dry	0.0247	ND	120	70-130	5.94	30	
tert-Butyl Ethyl Ether (TBEE)	0.0245	0.0012	mg/Kg dry	0.0247	ND	99.1	70-130	0.938	30	
Carbon Disulfide	0.0253	0.0074	mg/Kg dry	0.0247	ND	103	70-130	4.11	30	
Carbon Tetrachloride	0.0249	0.0025	mg/Kg dry	0.0247	ND	101	70-130	1.94	30	
Chlorobenzene	0.0289	0.0025	mg/Kg dry	0.0247	ND	117	70-130	3.49	30	
Chlorodibromomethane	0.0330	0.0025	mg/Kg dry	0.0247	ND	134 *	70-130	9.00	30	MS-24

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171259 - SW-846 5035										
Matrix Spike Dup (B171259-MSD1)										
Source: 17B0911-08 Prepared & Analyzed: 02/24/17										
Chloroethane	0.0238	0.025	mg/Kg dry	0.0247	ND	96.2	70-130	7.94	30	
Chloroform	0.0258	0.0049	mg/Kg dry	0.0247	ND	104	70-130	2.52	30	
Chloromethane	0.0255	0.012	mg/Kg dry	0.0247	ND	103	70-130	2.53	30	
2-Chlorotoluene	0.0293	0.0025	mg/Kg dry	0.0247	ND	118	70-130	4.51	30	
4-Chlorotoluene	0.0277	0.0025	mg/Kg dry	0.0247	ND	112	70-130	6.97	30	
Cyclohexane	0.0255	0.0025	mg/Kg dry	0.0247	ND	103	70-130	0.786	30	
1,2-Dibromo-3-chloropropane (DBCP)	0.0333	0.0049	mg/Kg dry	0.0247	ND	135	* 70-130	13.0	30	MS-24
1,2-Dibromoethane (EDB)	0.0289	0.0025	mg/Kg dry	0.0247	ND	117	70-130	5.41	30	
Dibromomethane	0.0293	0.0025	mg/Kg dry	0.0247	ND	119	70-130	5.81	30	
1,2-Dichlorobenzene	0.0309	0.0025	mg/Kg dry	0.0247	ND	125	70-130	8.21	30	
1,3-Dichlorobenzene	0.0304	0.0025	mg/Kg dry	0.0247	ND	123	70-130	7.54	30	
1,4-Dichlorobenzene	0.0294	0.0025	mg/Kg dry	0.0247	ND	119	70-130	10.5	30	
trans-1,4-Dichloro-2-butene	0.0280	0.0049	mg/Kg dry	0.0247	ND	113	70-130	9.54	30	
Dichlorodifluoromethane (Freon 12)	0.0251	0.025	mg/Kg dry	0.0247	ND	102	70-130	3.93	30	
1,1-Dichloroethane	0.0271	0.0025	mg/Kg dry	0.0247	ND	110	70-130	2.58	30	
1,2-Dichloroethane	0.0317	0.0025	mg/Kg dry	0.0247	ND	128	70-130	2.49	30	
1,1-Dichloroethylene	0.0274	0.0049	mg/Kg dry	0.0247	ND	111	70-130	4.13	30	
cis-1,2-Dichloroethylene	0.0243	0.0025	mg/Kg dry	0.0247	ND	98.2	70-130	0.828	30	
trans-1,2-Dichloroethylene	0.0293	0.0025	mg/Kg dry	0.0247	ND	119	70-130	4.82	30	
1,2-Dichloropropane	0.0277	0.0025	mg/Kg dry	0.0247	ND	112	70-130	3.38	30	
1,3-Dichloropropane	0.0265	0.0012	mg/Kg dry	0.0247	ND	107	70-130	2.13	30	
2,2-Dichloropropane	0.0201	0.0025	mg/Kg dry	0.0247	ND	81.2	70-130	1.94	30	V-05
1,1-Dichloropropene	0.0253	0.0025	mg/Kg dry	0.0247	ND	102	70-130	4.62	30	
cis-1,3-Dichloropropene	0.0237	0.0012	mg/Kg dry	0.0247	ND	96.0	70-130	3.41	30	
trans-1,3-Dichloropropene	0.0250	0.0012	mg/Kg dry	0.0247	ND	101	70-130	8.16	30	
Diethyl Ether	0.0270	0.025	mg/Kg dry	0.0247	0.00223	100	70-130	2.03	30	
Diisopropyl Ether (DIPE)	0.0286	0.0012	mg/Kg dry	0.0247	ND	116	70-130	2.90	30	
1,4-Dioxane	0.327	0.12	mg/Kg dry	0.247	ND	132	* 70-130	13.9	30	MS-24
Ethylbenzene	0.0285	0.0025	mg/Kg dry	0.0247	ND	116	70-130	4.39	30	
Hexachlorobutadiene	0.0285	0.0025	mg/Kg dry	0.0247	ND	115	70-130	6.28	30	
2-Hexanone (MBK)	0.355	0.025	mg/Kg dry	0.247	ND	144	* 70-130	8.08	30	MS-15
Isopropylbenzene (Cumene)	0.0306	0.0025	mg/Kg dry	0.0247	ND	124	70-130	4.14	30	
p-Isopropyltoluene (p-Cymene)	0.0296	0.0025	mg/Kg dry	0.0247	ND	120	70-130	6.29	30	
Methyl Acetate	0.0566	0.0025	mg/Kg dry	0.0247	ND	229	* 70-130	3.88	30	MS-15
Methyl tert-Butyl Ether (MTBE)	0.0192	0.0049	mg/Kg dry	0.0247	ND	77.9	70-130	5.00	30	V-05
Methyl Cyclohexane	0.0248	0.0025	mg/Kg dry	0.0247	ND	100	70-130	0.128	30	
Methylene Chloride	0.0329	0.025	mg/Kg dry	0.0247	0.00985	93.2	70-130	0.155	30	
4-Methyl-2-pentanone (MIBK)	0.352	0.025	mg/Kg dry	0.247	ND	143	* 70-130	9.81	30	MS-15
Naphthalene	0.0274	0.0049	mg/Kg dry	0.0247	ND	111	70-130	12.7	30	
n-Propylbenzene	0.0288	0.0025	mg/Kg dry	0.0247	ND	116	70-130	7.32	30	
Styrene	0.0283	0.0025	mg/Kg dry	0.0247	ND	114	70-130	6.04	30	
1,1,1,2-Tetrachloroethane	0.0300	0.0025	mg/Kg dry	0.0247	ND	122	70-130	2.44	30	
1,1,1,2,2-Tetrachloroethane	0.0278	0.0012	mg/Kg dry	0.0247	ND	112	70-130	10.7	30	
Tetrachloroethylene	0.0308	0.0025	mg/Kg dry	0.0247	ND	125	70-130	6.20	30	
Tetrahydrofuran	0.0302	0.012	mg/Kg dry	0.0247	ND	122	70-130	1.53	30	
Toluene	0.0278	0.0025	mg/Kg dry	0.0247	ND	112	70-130	1.23	30	
1,2,3-Trichlorobenzene	0.0265	0.0025	mg/Kg dry	0.0247	ND	108	70-130	9.17	30	
1,2,4-Trichlorobenzene	0.0244	0.0025	mg/Kg dry	0.0247	ND	98.7	70-130	11.5	30	
1,3,5-Trichlorobenzene	0.0273	0.0025	mg/Kg dry	0.0247	ND	111	70-130	10.9	30	
1,1,1-Trichloroethane	0.0261	0.0025	mg/Kg dry	0.0247	0.00135	100	70-130	1.75	30	
1,1,2-Trichloroethane	0.0294	0.0025	mg/Kg dry	0.0247	ND	119	70-130	8.79	30	
Trichloroethylene	0.0285	0.0025	mg/Kg dry	0.0247	ND	115	70-130	3.70	30	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171259 - SW-846 5035

Matrix Spike Dup (B171259-MSD1)

Source: 17B0911-08

Prepared & Analyzed: 02/24/17

Trichlorofluoromethane (Freon 11)	0.0295	0.012	mg/Kg dry	0.0247	ND	119	70-130	2.28	30	
1,2,3-Trichloropropane	0.0291	0.0025	mg/Kg dry	0.0247	ND	118	70-130	8.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0262	0.012	mg/Kg dry	0.0247	ND	106	70-130	5.01	30	
1,2,4-Trimethylbenzene	0.0286	0.0025	mg/Kg dry	0.0247	ND	116	70-130	6.81	30	
1,3,5-Trimethylbenzene	0.0292	0.0025	mg/Kg dry	0.0247	ND	118	70-130	7.94	30	
Vinyl Chloride	0.0225	0.012	mg/Kg dry	0.0247	ND	91.2	70-130	0.763	30	
m+p Xylene	0.0566	0.0049	mg/Kg dry	0.0494	ND	115	70-130	2.86	30	
o-Xylene	0.0281	0.0025	mg/Kg dry	0.0247	ND	114	70-130	3.45	30	
Surrogate: 1,2-Dichloroethane-d4	0.0618		mg/Kg dry	0.0617		100	70-130			
Surrogate: Toluene-d8	0.0615		mg/Kg dry	0.0617		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0573		mg/Kg dry	0.0617		92.8	70-130			

Batch B171392 - SW-846 5030B

Blank (B171392-BLK1)

Prepared & Analyzed: 02/27/17

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171392 - SW-846 5030B										
Blank (B171392-BLK1)										
Prepared & Analyzed: 02/27/17										
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	24.8		µg/L	25.0		99.3	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	23.7		µg/L	25.0		94.6	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171392 - SW-846 5030B										
LCS (B171392-BS1)										
Prepared & Analyzed: 02/27/17										
Acetone	102	50	µg/L	100		102	70-160			†
Acrylonitrile	13.7	5.0	µg/L	10.0		137 *	70-130			L-02, V-20
tert-Amyl Methyl Ether (TAME)	9.52	0.50	µg/L	10.0		95.2	70-130			
Benzene	10.8	1.0	µg/L	10.0		108	70-130			
Bromobenzene	10.2	1.0	µg/L	10.0		102	70-130			
Bromochloromethane	10.8	1.0	µg/L	10.0		108	70-130			
Bromodichloromethane	10.7	0.50	µg/L	10.0		107	70-130			
Bromoform	10.2	1.0	µg/L	10.0		102	70-130			
Bromomethane	4.51	2.0	µg/L	10.0		45.1	40-160			†
2-Butanone (MEK)	93.4	20	µg/L	100		93.4	40-160			†
tert-Butyl Alcohol (TBA)	130	20	µg/L	100		130	40-160			V-20 †
n-Butylbenzene	11.6	1.0	µg/L	10.0		116	70-130			
sec-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130			
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.46	0.50	µg/L	10.0		94.6	70-130			
Carbon Disulfide	14.2	4.0	µg/L	10.0		142 *	70-130			L-07, V-20
Carbon Tetrachloride	10.4	5.0	µg/L	10.0		104	70-130			
Chlorobenzene	11.0	1.0	µg/L	10.0		110	70-130			
Chlorodibromomethane	11.5	0.50	µg/L	10.0		115	70-130			
Chloroethane	10.2	2.0	µg/L	10.0		102	70-130			
Chloroform	9.71	2.0	µg/L	10.0		97.1	70-130			
Chloromethane	2.87	2.0	µg/L	10.0		28.7 *	40-160			L-04, V-05 †
2-Chlorotoluene	9.40	1.0	µg/L	10.0		94.0	70-130			
4-Chlorotoluene	10.1	1.0	µg/L	10.0		101	70-130			
Cyclohexane	10.1	5.0	µg/L	10.0		101	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.08	5.0	µg/L	10.0		90.8	70-130			
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110	70-130			
Dibromomethane	10.7	1.0	µg/L	10.0		107	70-130			
1,2-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130			
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130			
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130			
trans-1,4-Dichloro-2-butene	12.1	2.0	µg/L	10.0		121	70-130			
Dichlorodifluoromethane (Freon 12)	8.30	2.0	µg/L	10.0		83.0	40-160			†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104	70-130			
1,2-Dichloroethane	9.32	1.0	µg/L	10.0		93.2	70-130			
1,1-Dichloroethylene	12.4	1.0	µg/L	10.0		124	70-130			
cis-1,2-Dichloroethylene	9.61	1.0	µg/L	10.0		96.1	70-130			
trans-1,2-Dichloroethylene	11.2	1.0	µg/L	10.0		112	70-130			
1,2-Dichloropropane	9.28	1.0	µg/L	10.0		92.8	70-130			
1,3-Dichloropropane	10.4	0.50	µg/L	10.0		104	70-130			
2,2-Dichloropropane	9.91	1.0	µg/L	10.0		99.1	40-130			†
1,1-Dichloropropene	10.3	2.0	µg/L	10.0		103	70-130			
cis-1,3-Dichloropropene	9.77	0.50	µg/L	10.0		97.7	70-130			
trans-1,3-Dichloropropene	11.5	0.50	µg/L	10.0		115	70-130			
Diethyl Ether	11.4	2.0	µg/L	10.0		114	70-130			
Diisopropyl Ether (DIPE)	8.64	0.50	µg/L	10.0		86.4	70-130			
1,4-Dioxane	111	50	µg/L	100		111	40-130			†
Ethylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Hexachlorobutadiene	11.2	0.60	µg/L	10.0		112	70-130			
2-Hexanone (MBK)	88.7	10	µg/L	100		88.7	70-160			†
Isopropylbenzene (Cumene)	10.9	1.0	µg/L	10.0		109	70-130			
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.0		109	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171392 - SW-846 5030B

LCS (B171392-BS1)

Prepared & Analyzed: 02/27/17

Methyl Acetate	10.1	1.0	µg/L	10.0		101	70-130			
Methyl tert-Butyl Ether (MTBE)	10.1	1.0	µg/L	10.0		101	70-130			
Methyl Cyclohexane	10.4	1.0	µg/L	10.0		104	70-130			
Methylene Chloride	12.4	5.0	µg/L	10.0		124	70-130			
4-Methyl-2-pentanone (MIBK)	86.2	10	µg/L	100		86.2	70-160			†
Naphthalene	11.2	2.0	µg/L	10.0		112	40-130			†
n-Propylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
Styrene	10.3	1.0	µg/L	10.0		103	70-130			
1,1,1,2-Tetrachloroethane	10.8	1.0	µg/L	10.0		108	70-130			
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0		109	70-130			
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104	70-130			
Tetrahydrofuran	9.82	10	µg/L	10.0		98.2	70-130			
Toluene	10.4	1.0	µg/L	10.0		104	70-130			
1,2,3-Trichlorobenzene	11.2	5.0	µg/L	10.0		112	70-130			
1,2,4-Trichlorobenzene	11.8	1.0	µg/L	10.0		118	70-130			
1,3,5-Trichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130			
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.0		116	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
Trichlorofluoromethane (Freon 11)	10.8	2.0	µg/L	10.0		108	70-130			
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.0		104	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.3	1.0	µg/L	10.0		133 *	70-130			L-02, V-20
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.0		104	70-130			
Vinyl Chloride	7.46	2.0	µg/L	10.0		74.6	40-160			†
m+p Xylene	20.2	2.0	µg/L	20.0		101	70-130			
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.0		98.6	70-130			
Surrogate: Toluene-d8	24.8		µg/L	25.0		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.0		95.4	70-130			

LCS Dup (B171392-BSD1)

Prepared & Analyzed: 02/27/17

Acetone	99.3	50	µg/L	100		99.3	70-160	2.71	25	†
Acrylonitrile	13.2	5.0	µg/L	10.0		132 *	70-130	3.34	25	L-02, V-20
tert-Amyl Methyl Ether (TAME)	9.37	0.50	µg/L	10.0		93.7	70-130	1.59	25	
Benzene	10.6	1.0	µg/L	10.0		106	70-130	1.88	25	
Bromobenzene	9.81	1.0	µg/L	10.0		98.1	70-130	4.00	25	
Bromochloromethane	10.8	1.0	µg/L	10.0		108	70-130	0.0928	25	
Bromodichloromethane	10.2	0.50	µg/L	10.0		102	70-130	4.90	25	
Bromoform	10.0	1.0	µg/L	10.0		100	70-130	1.39	25	
Bromomethane	5.33	2.0	µg/L	10.0		53.3	40-160	16.7	25	†
2-Butanone (MEK)	90.8	20	µg/L	100		90.8	40-160	2.78	25	†
tert-Butyl Alcohol (TBA)	120	20	µg/L	100		120	40-160	7.89	25	V-20 †
n-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130	4.75	25	
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130	2.39	25	
tert-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130	2.21	25	
tert-Butyl Ethyl Ether (TBEE)	9.32	0.50	µg/L	10.0		93.2	70-130	1.49	25	
Carbon Disulfide	12.9	4.0	µg/L	10.0		129	70-130	10.1	25	V-20
Carbon Tetrachloride	10.3	5.0	µg/L	10.0		103	70-130	0.871	25	
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	3.04	25	
Chlorodibromomethane	11.5	0.50	µg/L	10.0		115	70-130	0.0870	25	
Chloroethane	10.0	2.0	µg/L	10.0		100	70-130	2.37	25	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171392 - SW-846 5030B										
LCS Dup (B171392-BSD1)										
Prepared & Analyzed: 02/27/17										
Chloroform	9.59	2.0	µg/L	10.0		95.9	70-130	1.24	25	
Chloromethane	3.14	2.0	µg/L	10.0		31.4 *	40-160	8.99	25	L-04, V-05 †
2-Chlorotoluene	9.13	1.0	µg/L	10.0		91.3	70-130	2.91	25	
4-Chlorotoluene	9.63	1.0	µg/L	10.0		96.3	70-130	4.57	25	
Cyclohexane	9.98	5.0	µg/L	10.0		99.8	70-130	1.39	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.59	5.0	µg/L	10.0		95.9	70-130	5.46	25	
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109	70-130	1.01	25	
Dibromomethane	10.9	1.0	µg/L	10.0		109	70-130	1.57	25	
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	2.90	25	
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	2.04	25	
1,4-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	3.45	25	
trans-1,4-Dichloro-2-butene	12.1	2.0	µg/L	10.0		121	70-130	0.331	25	
Dichlorodifluoromethane (Freon 12)	8.32	2.0	µg/L	10.0		83.2	40-160	0.241	25	†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130	1.55	25	
1,2-Dichloroethane	9.21	1.0	µg/L	10.0		92.1	70-130	1.19	25	
1,1-Dichloroethylene	12.0	1.0	µg/L	10.0		120	70-130	3.77	25	
cis-1,2-Dichloroethylene	9.38	1.0	µg/L	10.0		93.8	70-130	2.42	25	
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130	1.53	25	
1,2-Dichloropropane	9.01	1.0	µg/L	10.0		90.1	70-130	2.95	25	
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101	70-130	2.73	25	
2,2-Dichloropropane	9.68	1.0	µg/L	10.0		96.8	40-130	2.35	25	†
1,1-Dichloropropene	10.0	2.0	µg/L	10.0		100	70-130	2.46	25	
cis-1,3-Dichloropropene	9.61	0.50	µg/L	10.0		96.1	70-130	1.65	25	
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.0		112	70-130	2.82	25	
Diethyl Ether	11.1	2.0	µg/L	10.0		111	70-130	3.38	25	
Diisopropyl Ether (DIPE)	8.30	0.50	µg/L	10.0		83.0	70-130	4.01	25	
1,4-Dioxane	125	50	µg/L	100		125	40-130	11.4	50	† ‡
Ethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	3.88	25	
Hexachlorobutadiene	10.7	0.60	µg/L	10.0		107	70-130	4.20	25	
2-Hexanone (MBK)	85.8	10	µg/L	100		85.8	70-160	3.32	25	†
Isopropylbenzene (Cumene)	10.7	1.0	µg/L	10.0		107	70-130	2.22	25	
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.0		107	70-130	1.58	25	
Methyl Acetate	10.4	1.0	µg/L	10.0		104	70-130	3.03	25	
Methyl tert-Butyl Ether (MTBE)	9.86	1.0	µg/L	10.0		98.6	70-130	2.21	25	
Methyl Cyclohexane	10.0	1.0	µg/L	10.0		100	70-130	3.54	25	
Methylene Chloride	12.2	5.0	µg/L	10.0		122	70-130	1.30	25	
4-Methyl-2-pentanone (MIBK)	84.4	10	µg/L	100		84.4	70-160	2.11	25	†
Naphthalene	10.4	2.0	µg/L	10.0		104	40-130	7.79	25	†
n-Propylbenzene	10.3	1.0	µg/L	10.0		103	70-130	4.35	25	
Styrene	10.0	1.0	µg/L	10.0		100	70-130	3.34	25	
1,1,1,2-Tetrachloroethane	10.7	1.0	µg/L	10.0		107	70-130	0.934	25	
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.0		104	70-130	5.35	25	
Tetrachloroethylene	10.2	1.0	µg/L	10.0		102	70-130	1.45	25	
Tetrahydrofuran	9.53	10	µg/L	10.0		95.3	70-130	3.00	25	
Toluene	9.90	1.0	µg/L	10.0		99.0	70-130	5.21	25	
1,2,3-Trichlorobenzene	10.2	5.0	µg/L	10.0		102	70-130	9.64	25	
1,2,4-Trichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	7.22	25	
1,3,5-Trichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	1.02	25	
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130	0.296	25	
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130	1.31	25	
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	0.660	25	
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	70-130	1.03	25	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171392 - SW-846 5030B

LCS Dup (B171392-BSD1)

Prepared & Analyzed: 02/27/17

1,2,3-Trichloropropane	10.1	2.0	µg/L	10.0		101	70-130	3.13	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.3	1.0	µg/L	10.0		133 *	70-130	0.150	25	L-02, V-20
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.0		105	70-130	3.01	25	
1,3,5-Trimethylbenzene	10.0	1.0	µg/L	10.0		100	70-130	3.63	25	
Vinyl Chloride	7.70	2.0	µg/L	10.0		77.0	40-160	3.17	25	†
m+p Xylene	19.5	2.0	µg/L	20.0		97.4	70-130	3.82	25	
o-Xylene	10.2	1.0	µg/L	10.0		102	70-130	0.293	25	
Surrogate: 1,2-Dichloroethane-d4	25.1		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.0		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	23.8		µg/L	25.0		95.4	70-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171155 - SW-846 3546

Blank (B171155-BLK1)

Prepared: 02/23/17 Analyzed: 02/25/17

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							L-04, V-04, V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171155 - SW-846 3546

Blank (B171155-BLK1)

Prepared: 02/23/17 Analyzed: 02/25/17

2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	4.18		mg/Kg wet	6.67		62.6	30-130			
Surrogate: Phenol-d6	4.35		mg/Kg wet	6.67		65.2	30-130			
Surrogate: Nitrobenzene-d5	2.08		mg/Kg wet	3.33		62.4	30-130			
Surrogate: 2-Fluorobiphenyl	2.63		mg/Kg wet	3.33		78.9	30-130			
Surrogate: 2,4,6-Tribromophenol	5.22		mg/Kg wet	6.67		78.2	30-130			
Surrogate: p-Terphenyl-d14	2.74		mg/Kg wet	3.33		82.2	30-130			

LCS (B171155-BS1)

Prepared: 02/23/17 Analyzed: 02/25/17

Acenaphthene	1.14	0.17	mg/Kg wet	1.67		68.5	40-140			
Acenaphthylene	1.17	0.17	mg/Kg wet	1.67		70.5	40-140			
Acetophenone	0.954	0.34	mg/Kg wet	1.67		57.3	40-140			
Aniline	0.633	0.34	mg/Kg wet	1.67		38.0	10-140			†
Anthracene	1.13	0.17	mg/Kg wet	1.67		67.6	40-140			
Benzidine	0.620	0.66	mg/Kg wet	1.67		37.2 *	40-140			L-04, V-04, V-05
Benzo(a)anthracene	1.18	0.17	mg/Kg wet	1.67		70.7	40-140			
Benzo(a)pyrene	1.11	0.17	mg/Kg wet	1.67		66.7	40-140			
Benzo(b)fluoranthene	1.10	0.17	mg/Kg wet	1.67		66.0	40-140			
Benzo(g,h,i)perylene	1.20	0.17	mg/Kg wet	1.67		71.9	40-140			
Benzo(k)fluoranthene	1.11	0.17	mg/Kg wet	1.67		66.4	40-140			
Benzoic Acid	0.628	1.0	mg/Kg wet	1.67		37.7	30-130			
Bis(2-chloroethoxy)methane	1.10	0.34	mg/Kg wet	1.67		65.7	40-140			
Bis(2-chloroethyl)ether	1.05	0.34	mg/Kg wet	1.67		63.1	40-140			
Bis(2-chloroisopropyl)ether	1.03	0.34	mg/Kg wet	1.67		61.9	40-140			
Bis(2-Ethylhexyl)phthalate	1.24	0.34	mg/Kg wet	1.67		74.3	40-140			
4-Bromophenylphenylether	1.17	0.34	mg/Kg wet	1.67		70.3	40-140			
Butylbenzylphthalate	1.22	0.34	mg/Kg wet	1.67		73.5	40-140			
Carbazole	1.09	0.17	mg/Kg wet	1.67		65.3	40-140			
4-Chloroaniline	0.767	0.66	mg/Kg wet	1.67		46.0	10-140			†
4-Chloro-3-methylphenol	1.08	0.66	mg/Kg wet	1.67		64.6	30-130			
2-Chloronaphthalene	1.06	0.34	mg/Kg wet	1.67		63.5	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171155 - SW-846 3546										
LCS (B171155-BS1)										
					Prepared: 02/23/17 Analyzed: 02/25/17					
2-Chlorophenol	0.967	0.34	mg/Kg wet	1.67		58.0	30-130			
4-Chlorophenylphenylether	1.22	0.34	mg/Kg wet	1.67		72.9	40-140			
Chrysene	1.11	0.17	mg/Kg wet	1.67		66.9	40-140			
Dibenz(a,h)anthracene	1.20	0.17	mg/Kg wet	1.67		72.0	40-140			
Dibenzofuran	1.22	0.34	mg/Kg wet	1.67		73.3	40-140			
Di-n-butylphthalate	1.16	0.34	mg/Kg wet	1.67		69.5	40-140			
1,2-Dichlorobenzene	0.881	0.34	mg/Kg wet	1.67		52.9	40-140			
1,3-Dichlorobenzene	0.874	0.34	mg/Kg wet	1.67		52.5	40-140			
1,4-Dichlorobenzene	0.878	0.34	mg/Kg wet	1.67		52.7	40-140			
3,3-Dichlorobenzidine	1.01	0.17	mg/Kg wet	1.67		60.8	20-140			†
2,4-Dichlorophenol	0.998	0.34	mg/Kg wet	1.67		59.9	30-130			
Diethylphthalate	1.25	0.34	mg/Kg wet	1.67		74.9	40-140			
2,4-Dimethylphenol	1.04	0.34	mg/Kg wet	1.67		62.6	30-130			
Dimethylphthalate	1.25	0.34	mg/Kg wet	1.67		75.3	40-140			
4,6-Dinitro-2-methylphenol	0.977	0.34	mg/Kg wet	1.67		58.6	30-130			
2,4-Dinitrophenol	0.846	0.66	mg/Kg wet	1.67		50.8	30-130			
2,4-Dinitrotoluene	1.26	0.34	mg/Kg wet	1.67		75.5	40-140			
2,6-Dinitrotoluene	1.33	0.34	mg/Kg wet	1.67		79.6	40-140			
Di-n-octylphthalate	1.10	0.34	mg/Kg wet	1.67		65.8	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.22	0.34	mg/Kg wet	1.67		73.4	40-140			
Fluoranthene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140			
Fluorene	1.18	0.17	mg/Kg wet	1.67		71.1	40-140			
Hexachlorobenzene	1.11	0.34	mg/Kg wet	1.67		66.4	40-140			
Hexachlorobutadiene	0.953	0.34	mg/Kg wet	1.67		57.2	40-140			
Hexachlorocyclopentadiene	0.851	0.34	mg/Kg wet	1.67		51.1	40-140			
Hexachloroethane	0.857	0.34	mg/Kg wet	1.67		51.4	40-140			
Indeno(1,2,3-cd)pyrene	1.06	0.17	mg/Kg wet	1.67		63.9	40-140			
Isophorone	1.05	0.34	mg/Kg wet	1.67		62.8	40-140			
1-Methylnaphthalene	0.964	0.17	mg/Kg wet	1.67		57.8	40-140			
2-Methylnaphthalene	1.05	0.17	mg/Kg wet	1.67		63.2	40-140			
2-Methylphenol	0.980	0.34	mg/Kg wet	1.67		58.8	30-130			
3/4-Methylphenol	1.03	0.34	mg/Kg wet	1.67		61.7	30-130			
Naphthalene	0.962	0.17	mg/Kg wet	1.67		57.7	40-140			
2-Nitroaniline	1.26	0.34	mg/Kg wet	1.67		75.7	40-140			
3-Nitroaniline	1.19	0.34	mg/Kg wet	1.67		71.4	30-140			†
4-Nitroaniline	1.31	0.34	mg/Kg wet	1.67		78.7	40-140			
Nitrobenzene	0.990	0.34	mg/Kg wet	1.67		59.4	40-140			
2-Nitrophenol	0.960	0.34	mg/Kg wet	1.67		57.6	30-130			
4-Nitrophenol	1.16	0.66	mg/Kg wet	1.67		69.4	30-130			
N-Nitrosodimethylamine	0.959	0.34	mg/Kg wet	1.67		57.6	40-140			
N-Nitrosodiphenylamine	1.58	0.34	mg/Kg wet	1.67		94.6	40-140			
N-Nitrosodi-n-propylamine	1.01	0.34	mg/Kg wet	1.67		60.4	40-140			
Pentachloronitrobenzene	1.15	0.34	mg/Kg wet	1.67		69.1	40-140			V-16
Pentachlorophenol	0.912	0.34	mg/Kg wet	1.67		54.7	30-130			
Phenanthrene	1.13	0.17	mg/Kg wet	1.67		68.0	40-140			
Phenol	0.928	0.34	mg/Kg wet	1.67		55.7	30-130			
Pyrene	1.12	0.17	mg/Kg wet	1.67		67.2	40-140			
Pyridine	0.745	0.34	mg/Kg wet	1.67		44.7	30-140			†
1,2,4,5-Tetrachlorobenzene	1.15	0.34	mg/Kg wet	1.67		69.1	40-140			
1,2,4-Trichlorobenzene	0.945	0.34	mg/Kg wet	1.67		56.7	40-140			
2,4,5-Trichlorophenol	1.09	0.34	mg/Kg wet	1.67		65.4	30-130			
2,4,6-Trichlorophenol	1.24	0.34	mg/Kg wet	1.67		74.3	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171155 - SW-846 3546

LCS (B171155-BS1)

Prepared: 02/23/17 Analyzed: 02/25/17

Surrogate: 2-Fluorophenol	4.09		mg/Kg wet	6.67		61.4	30-130			
Surrogate: Phenol-d6	4.17		mg/Kg wet	6.67		62.5	30-130			
Surrogate: Nitrobenzene-d5	2.03		mg/Kg wet	3.33		61.0	30-130			
Surrogate: 2-Fluorobiphenyl	2.50		mg/Kg wet	3.33		75.0	30-130			
Surrogate: 2,4,6-Tribromophenol	5.35		mg/Kg wet	6.67		80.2	30-130			
Surrogate: p-Terphenyl-d14	2.44		mg/Kg wet	3.33		73.2	30-130			

LCS Dup (B171155-BS1)

Prepared: 02/23/17 Analyzed: 02/25/17

Acenaphthene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140	6.12	30	
Acenaphthylene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140	9.85	30	
Acetophenone	1.06	0.34	mg/Kg wet	1.67		63.6	40-140	10.5	30	
Aniline	0.644	0.34	mg/Kg wet	1.67		38.7	10-140	1.83	50	† ‡
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.1	40-140	7.90	30	
Benzidine	0.565	0.66	mg/Kg wet	1.67		33.9 *	40-140	9.23	30	L-04, V-04, V-05
Benzo(a)anthracene	1.24	0.17	mg/Kg wet	1.67		74.4	40-140	5.07	30	
Benzo(a)pyrene	1.16	0.17	mg/Kg wet	1.67		69.8	40-140	4.57	30	
Benzo(b)fluoranthene	1.15	0.17	mg/Kg wet	1.67		68.9	40-140	4.39	30	
Benzo(g,h,i)perylene	1.28	0.17	mg/Kg wet	1.67		77.0	40-140	6.82	30	
Benzo(k)fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.6	40-140	4.79	30	
Benzoic Acid	0.584	1.0	mg/Kg wet	1.67		35.1	30-130	7.20	50	‡
Bis(2-chloroethoxy)methane	1.19	0.34	mg/Kg wet	1.67		71.4	40-140	8.26	30	
Bis(2-chloroethyl)ether	1.19	0.34	mg/Kg wet	1.67		71.5	40-140	12.5	30	
Bis(2-chloroisopropyl)ether	1.14	0.34	mg/Kg wet	1.67		68.2	40-140	9.68	30	
Bis(2-Ethylhexyl)phthalate	1.38	0.34	mg/Kg wet	1.67		82.8	40-140	10.8	30	
4-Bromophenylphenylether	1.24	0.34	mg/Kg wet	1.67		74.2	40-140	5.48	30	
Butylbenzylphthalate	1.35	0.34	mg/Kg wet	1.67		81.1	40-140	9.83	30	
Carbazole	1.16	0.17	mg/Kg wet	1.67		69.4	40-140	6.00	30	
4-Chloroaniline	0.798	0.66	mg/Kg wet	1.67		47.9	10-140	3.92	30	†
4-Chloro-3-methylphenol	1.15	0.66	mg/Kg wet	1.67		69.0	30-130	6.71	30	
2-Chloronaphthalene	1.16	0.34	mg/Kg wet	1.67		69.8	40-140	9.54	30	
2-Chlorophenol	1.06	0.34	mg/Kg wet	1.67		63.3	30-130	8.70	30	
4-Chlorophenylphenylether	1.38	0.34	mg/Kg wet	1.67		83.0	40-140	13.0	30	
Chrysene	1.18	0.17	mg/Kg wet	1.67		70.6	40-140	5.44	30	
Dibenz(a,h)anthracene	1.28	0.17	mg/Kg wet	1.67		76.7	40-140	6.35	30	
Dibenzofuran	1.36	0.34	mg/Kg wet	1.67		81.3	40-140	10.4	30	
Di-n-butylphthalate	1.26	0.34	mg/Kg wet	1.67		75.9	40-140	8.78	30	
1,2-Dichlorobenzene	0.965	0.34	mg/Kg wet	1.67		57.9	40-140	9.10	30	
1,3-Dichlorobenzene	0.945	0.34	mg/Kg wet	1.67		56.7	40-140	7.80	30	
1,4-Dichlorobenzene	0.947	0.34	mg/Kg wet	1.67		56.8	40-140	7.49	30	
3,3-Dichlorobenzidine	1.03	0.17	mg/Kg wet	1.67		62.0	20-140	1.96	50	† ‡
2,4-Dichlorophenol	1.12	0.34	mg/Kg wet	1.67		67.2	30-130	11.5	30	
Diethylphthalate	1.40	0.34	mg/Kg wet	1.67		84.1	40-140	11.5	30	
2,4-Dimethylphenol	1.14	0.34	mg/Kg wet	1.67		68.1	30-130	8.38	30	
Dimethylphthalate	1.38	0.34	mg/Kg wet	1.67		82.9	40-140	9.63	30	
4,6-Dinitro-2-methylphenol	1.04	0.34	mg/Kg wet	1.67		62.5	30-130	6.44	30	
2,4-Dinitrophenol	0.847	0.66	mg/Kg wet	1.67		50.8	30-130	0.0788	30	
2,4-Dinitrotoluene	1.36	0.34	mg/Kg wet	1.67		81.8	40-140	8.06	30	
2,6-Dinitrotoluene	1.45	0.34	mg/Kg wet	1.67		86.8	40-140	8.73	30	
Di-n-octylphthalate	1.24	0.34	mg/Kg wet	1.67		74.2	40-140	12.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.32	0.34	mg/Kg wet	1.67		79.3	40-140	7.72	30	
Fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.3	40-140	6.71	30	
Fluorene	1.31	0.17	mg/Kg wet	1.67		78.4	40-140	9.87	30	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171155 - SW-846 3546

LCS Dup (B171155-BSD1)

Prepared: 02/23/17 Analyzed: 02/25/17

Hexachlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.8	40-140	4.90	30	
Hexachlorobutadiene	1.04	0.34	mg/Kg wet	1.67		62.4	40-140	8.67	30	
Hexachlorocyclopentadiene	0.905	0.34	mg/Kg wet	1.67		54.3	40-140	6.11	30	
Hexachloroethane	0.951	0.34	mg/Kg wet	1.67		57.1	40-140	10.4	30	
Indeno(1,2,3-cd)pyrene	1.19	0.17	mg/Kg wet	1.67		71.3	40-140	11.0	30	
Isophorone	1.15	0.34	mg/Kg wet	1.67		69.2	40-140	9.76	30	
1-Methylnaphthalene	1.05	0.17	mg/Kg wet	1.67		63.2	40-140	8.92	30	
2-Methylnaphthalene	1.16	0.17	mg/Kg wet	1.67		69.6	40-140	9.64	30	
2-Methylphenol	1.07	0.34	mg/Kg wet	1.67		64.4	30-130	9.12	30	
3/4-Methylphenol	1.12	0.34	mg/Kg wet	1.67		67.2	30-130	8.63	30	
Naphthalene	1.05	0.17	mg/Kg wet	1.67		63.1	40-140	8.87	30	
2-Nitroaniline	1.38	0.34	mg/Kg wet	1.67		82.8	40-140	8.91	30	
3-Nitroaniline	1.29	0.34	mg/Kg wet	1.67		77.5	30-140	8.17	30	†
4-Nitroaniline	1.39	0.34	mg/Kg wet	1.67		83.6	40-140	5.99	30	
Nitrobenzene	1.08	0.34	mg/Kg wet	1.67		64.9	40-140	8.88	30	
2-Nitrophenol	1.09	0.34	mg/Kg wet	1.67		65.1	30-130	12.2	30	
4-Nitrophenol	1.21	0.66	mg/Kg wet	1.67		72.9	30-130	4.95	50	‡
N-Nitrosodimethylamine	1.02	0.34	mg/Kg wet	1.67		61.1	40-140	5.93	30	
N-Nitrosodiphenylamine	1.64	0.34	mg/Kg wet	1.67		98.7	40-140	4.28	30	
N-Nitrosodi-n-propylamine	1.11	0.34	mg/Kg wet	1.67		66.9	40-140	10.2	30	
Pentachloronitrobenzene	1.19	0.34	mg/Kg wet	1.67		71.1	40-140	2.88	30	V-16
Pentachlorophenol	0.930	0.34	mg/Kg wet	1.67		55.8	30-130	1.95	30	
Phenanthrene	1.21	0.17	mg/Kg wet	1.67		72.9	40-140	6.93	30	
Phenol	1.03	0.34	mg/Kg wet	1.67		61.7	30-130	10.3	30	
Pyrene	1.24	0.17	mg/Kg wet	1.67		74.4	40-140	10.2	30	
Pyridine	0.785	0.34	mg/Kg wet	1.67		47.1	30-140	5.14	30	†
1,2,4,5-Tetrachlorobenzene	1.25	0.34	mg/Kg wet	1.67		74.9	40-140	8.06	30	
1,2,4-Trichlorobenzene	1.03	0.34	mg/Kg wet	1.67		61.9	40-140	8.77	30	
2,4,5-Trichlorophenol	1.24	0.34	mg/Kg wet	1.67		74.3	30-130	12.8	30	
2,4,6-Trichlorophenol	1.32	0.34	mg/Kg wet	1.67		79.3	30-130	6.61	30	

Surrogate: 2-Fluorophenol	4.21		mg/Kg wet	6.67		63.1	30-130			
Surrogate: Phenol-d6	4.26		mg/Kg wet	6.67		63.9	30-130			
Surrogate: Nitrobenzene-d5	2.04		mg/Kg wet	3.33		61.1	30-130			
Surrogate: 2-Fluorobiphenyl	2.59		mg/Kg wet	3.33		77.7	30-130			
Surrogate: 2,4,6-Tribromophenol	5.46		mg/Kg wet	6.67		81.9	30-130			
Surrogate: p-Terphenyl-d14	2.57		mg/Kg wet	3.33		77.0	30-130			

Matrix Spike (B171155-MS1)

Source: 17B0911-08

Prepared: 02/23/17 Analyzed: 02/25/17

Acenaphthene	1.56	0.21	mg/Kg dry	2.10	0.0998	69.8	40-140			
Acenaphthylene	1.56	0.21	mg/Kg dry	2.10	ND	74.4	40-140			
Acetophenone	1.33	0.43	mg/Kg dry	2.10	ND	63.6	40-140			
Aniline	0.388	0.43	mg/Kg dry	2.10	ND	18.5 *	40-140			MS-09
Anthracene	1.41	0.21	mg/Kg dry	2.10	0.190	58.1	40-140			
Benzdine	0.181	0.83	mg/Kg dry	2.10	ND	8.62 *	40-140			V-05, MS-09, V-04
Benzo(a)anthracene	2.11	0.21	mg/Kg dry	2.10	0.668	68.9	40-140			
Benzo(a)pyrene	1.85	0.21	mg/Kg dry	2.10	0.585	60.4	40-140			
Benzo(b)fluoranthene	2.11	0.21	mg/Kg dry	2.10	0.772	63.7	40-140			
Benzo(g,h,i)perylene	1.39	0.21	mg/Kg dry	2.10	0.378	48.2	40-140			
Benzo(k)fluoranthene	1.80	0.21	mg/Kg dry	2.10	0.219	75.1	40-140			
Benzoic Acid	0.0483	1.3	mg/Kg dry	2.10	ND	2.30 *	40-140			MS-09
Bis(2-chloroethoxy)methane	1.45	0.43	mg/Kg dry	2.10	ND	68.9	40-140			
Bis(2-chloroethyl)ether	1.47	0.43	mg/Kg dry	2.10	ND	70.2	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171155 - SW-846 3546										
Matrix Spike (B171155-MS1)	Source: 17B0911-08			Prepared: 02/23/17 Analyzed: 02/25/17						
Bis(2-chloroisopropyl)ether	1.37	0.43	mg/Kg dry	2.10	ND	65.1	40-140			
Bis(2-Ethylhexyl)phthalate	2.75	0.43	mg/Kg dry	2.10	1.05	81.2	40-140			
4-Bromophenylphenylether	1.53	0.43	mg/Kg dry	2.10	ND	72.9	40-140			
Butylbenzylphthalate	1.72	0.43	mg/Kg dry	2.10	ND	82.0	40-140			
Carbazole	1.52	0.21	mg/Kg dry	2.10	0.0894	68.4	40-140			
4-Chloroaniline	0.766	0.83	mg/Kg dry	2.10	ND	36.5	* 40-140			MS-09
4-Chloro-3-methylphenol	1.43	0.83	mg/Kg dry	2.10	ND	68.1	30-130			
2-Chloronaphthalene	1.50	0.43	mg/Kg dry	2.10	ND	71.6	40-140			
2-Chlorophenol	1.15	0.43	mg/Kg dry	2.10	ND	55.0	30-130			
4-Chlorophenylphenylether	1.71	0.43	mg/Kg dry	2.10	ND	81.6	40-140			
Chrysene	2.04	0.21	mg/Kg dry	2.10	0.762	60.7	40-140			
Dibenz(a,h)anthracene	1.26	0.21	mg/Kg dry	2.10	ND	59.9	40-140			
Dibenzofuran	1.93	0.43	mg/Kg dry	2.10	0.387	73.3	40-140			
Di-n-butylphthalate	1.66	0.43	mg/Kg dry	2.10	0.0989	74.6	40-140			
1,2-Dichlorobenzene	1.12	0.43	mg/Kg dry	2.10	ND	53.6	40-140			
1,3-Dichlorobenzene	1.08	0.43	mg/Kg dry	2.10	ND	51.6	40-140			
1,4-Dichlorobenzene	1.10	0.43	mg/Kg dry	2.10	ND	52.3	40-140			
3,3-Dichlorobenzidine	1.16	0.21	mg/Kg dry	2.10	ND	55.4	40-140			
2,4-Dichlorophenol	1.26	0.43	mg/Kg dry	2.10	ND	60.0	30-130			
Diethylphthalate	1.81	0.43	mg/Kg dry	2.10	ND	86.5	40-140			
2,4-Dimethylphenol	1.44	0.43	mg/Kg dry	2.10	ND	68.7	30-130			
Dimethylphthalate	1.71	0.43	mg/Kg dry	2.10	ND	81.5	40-140			
4,6-Dinitro-2-methylphenol	0.819	0.43	mg/Kg dry	2.10	ND	39.0	30-130			
2,4-Dinitrophenol	0.701	0.83	mg/Kg dry	2.10	ND	33.4	30-130			
2,4-Dinitrotoluene	1.66	0.43	mg/Kg dry	2.10	ND	78.9	40-140			
2,6-Dinitrotoluene	1.71	0.43	mg/Kg dry	2.10	ND	81.4	40-140			
Di-n-octylphthalate	2.19	0.43	mg/Kg dry	2.10	ND	104	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.61	0.43	mg/Kg dry	2.10	ND	76.9	40-140			
Fluoranthene	2.25	0.21	mg/Kg dry	2.10	1.01	59.2	40-140			
Fluorene	1.74	0.21	mg/Kg dry	2.10	0.140	76.0	40-140			
Hexachlorobenzene	1.47	0.43	mg/Kg dry	2.10	ND	70.1	40-140			
Hexachlorobutadiene	1.35	0.43	mg/Kg dry	2.10	ND	64.3	40-140			
Hexachlorocyclopentadiene	0.315	0.43	mg/Kg dry	2.10	ND	15.0	* 30-130			MS-09
Hexachloroethane	1.18	0.43	mg/Kg dry	2.10	ND	56.4	40-140			
Indeno(1,2,3-cd)pyrene	1.35	0.21	mg/Kg dry	2.10	0.272	51.5	40-140			
Isophorone	1.44	0.43	mg/Kg dry	2.10	ND	68.8	40-140			
1-Methylnaphthalene	2.11	0.21	mg/Kg dry	2.10	0.958	54.8	40-140			
2-Methylnaphthalene	2.50	0.21	mg/Kg dry	2.10	1.32	56.3	40-140			
2-Methylphenol	1.26	0.43	mg/Kg dry	2.10	ND	60.0	30-130			
3/4-Methylphenol	1.34	0.43	mg/Kg dry	2.10	ND	63.9	30-130			
Naphthalene	1.83	0.21	mg/Kg dry	2.10	0.749	51.4	40-140			
2-Nitroaniline	1.65	0.43	mg/Kg dry	2.10	ND	78.7	40-140			
3-Nitroaniline	1.45	0.43	mg/Kg dry	2.10	ND	69.2	40-140			
4-Nitroaniline	1.68	0.43	mg/Kg dry	2.10	ND	79.8	40-140			
Nitrobenzene	1.32	0.43	mg/Kg dry	2.10	ND	62.8	40-140			
2-Nitrophenol	0.872	0.43	mg/Kg dry	2.10	ND	41.5	30-130			
4-Nitrophenol	1.13	0.83	mg/Kg dry	2.10	ND	54.0	30-130			
N-Nitrosodimethylamine	1.01	0.43	mg/Kg dry	2.10	ND	48.2	40-140			
N-Nitrosodiphenylamine	2.56	0.43	mg/Kg dry	2.10	ND	122	40-140			
N-Nitrosodi-n-propylamine	1.36	0.43	mg/Kg dry	2.10	ND	64.7	40-140			
Pentachloronitrobenzene	1.50	0.43	mg/Kg dry	2.10	ND	71.5	40-140			V-16
Pentachlorophenol	0.397	0.43	mg/Kg dry	2.10	ND	18.9	* 30-130			MS-09

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171155 - SW-846 3546										
Matrix Spike (B171155-MS1)										
		Source: 17B0911-08			Prepared: 02/23/17 Analyzed: 02/25/17					
Phenanthrene	2.37	0.21	mg/Kg dry	2.10	1.09	60.9	40-140			
Phenol	1.19	0.43	mg/Kg dry	2.10	ND	56.8	30-130			
Pyrene	3.59	0.21	mg/Kg dry	2.10	1.88	81.7	40-140			R-06
Pyridine	0.779	0.43	mg/Kg dry	2.10	ND	37.1	* 40-140			MS-09
1,2,4,5-Tetrachlorobenzene	1.56	0.43	mg/Kg dry	2.10	ND	74.3	40-140			
1,2,4-Trichlorobenzene	1.29	0.43	mg/Kg dry	2.10	ND	61.7	40-140			
2,4,5-Trichlorophenol	1.14	0.43	mg/Kg dry	2.10	ND	54.3	30-130			
2,4,6-Trichlorophenol	0.722	0.43	mg/Kg dry	2.10	ND	34.4	30-130			
Surrogate: 2-Fluorophenol	4.62		mg/Kg dry	8.40		55.0	30-130			
Surrogate: Phenol-d6	5.16		mg/Kg dry	8.40		61.5	30-130			
Surrogate: Nitrobenzene-d5	2.62		mg/Kg dry	4.20		62.5	30-130			
Surrogate: 2-Fluorobiphenyl	3.22		mg/Kg dry	4.20		76.8	30-130			
Surrogate: 2,4,6-Tribromophenol	3.45		mg/Kg dry	8.40		41.0	30-130			
Surrogate: p-Terphenyl-d14	3.31		mg/Kg dry	4.20		78.8	30-130			
Matrix Spike Dup (B171155-MSD1)										
		Source: 17B0911-08			Prepared: 02/23/17 Analyzed: 02/25/17					
Acenaphthene	1.36	0.21	mg/Kg dry	2.10	0.0998	59.9	40-140	14.2	30	
Acenaphthylene	1.36	0.21	mg/Kg dry	2.10	ND	64.7	40-140	13.8	30	
Acetophenone	1.18	0.43	mg/Kg dry	2.10	ND	56.2	40-140	12.3	30	
Aniline	0.477	0.43	mg/Kg dry	2.10	ND	22.7	* 40-140	20.6	30	MS-09
Anthracene	1.36	0.21	mg/Kg dry	2.10	0.190	55.5	40-140	3.89	30	
Benidine	0.118	0.83	mg/Kg dry	2.10	ND	5.62	* 40-140		30	V-04, V-05, MS-09
Benzo(a)anthracene	1.85	0.21	mg/Kg dry	2.10	0.668	56.1	40-140	13.6	30	
Benzo(a)pyrene	1.56	0.21	mg/Kg dry	2.10	0.585	46.3	40-140	17.3	30	
Benzo(b)fluoranthene	1.79	0.21	mg/Kg dry	2.10	0.772	48.4	40-140	16.5	30	
Benzo(g,h,i)perylene	1.16	0.21	mg/Kg dry	2.10	0.378	37.4	* 40-140	17.7	30	MS-08
Benzo(k)fluoranthene	1.40	0.21	mg/Kg dry	2.10	0.219	56.5	40-140	24.4	30	
Benzoic Acid	0.0684	1.3	mg/Kg dry	2.10	ND	3.26	* 40-140		30	MS-09
Bis(2-chloroethoxy)methane	1.25	0.43	mg/Kg dry	2.10	ND	59.5	40-140	14.7	30	
Bis(2-chloroethyl)ether	1.34	0.43	mg/Kg dry	2.10	ND	64.0	40-140	9.24	30	
Bis(2-chloroisopropyl)ether	1.22	0.43	mg/Kg dry	2.10	ND	58.2	40-140	11.2	30	
Bis(2-Ethylhexyl)phthalate	2.35	0.43	mg/Kg dry	2.10	1.05	61.9	40-140	15.9	30	
4-Bromophenylphenylether	1.29	0.43	mg/Kg dry	2.10	ND	61.5	40-140	17.1	30	
Butylbenzylphthalate	1.47	0.43	mg/Kg dry	2.10	ND	70.1	40-140	15.6	30	
Carbazole	1.30	0.21	mg/Kg dry	2.10	0.0894	57.5	40-140	16.1	30	
4-Chloroaniline	0.691	0.83	mg/Kg dry	2.10	ND	32.9	* 40-140	10.3	30	MS-09
4-Chloro-3-methylphenol	1.20	0.83	mg/Kg dry	2.10	ND	57.1	30-130	17.7	30	
2-Chloronaphthalene	1.30	0.43	mg/Kg dry	2.10	ND	61.7	40-140	14.8	30	
2-Chlorophenol	1.06	0.43	mg/Kg dry	2.10	ND	50.5	30-130	8.45	30	
4-Chlorophenylphenylether	1.46	0.43	mg/Kg dry	2.10	ND	69.6	40-140	15.8	30	
Chrysene	1.67	0.21	mg/Kg dry	2.10	0.762	43.4	40-140	19.6	30	
Dibenz(a,h)anthracene	1.09	0.21	mg/Kg dry	2.10	ND	51.8	40-140	14.6	30	
Dibenzofuran	1.65	0.43	mg/Kg dry	2.10	0.387	60.4	40-140	15.2	30	
Di-n-butylphthalate	1.40	0.43	mg/Kg dry	2.10	0.0989	62.0	40-140	17.3	30	
1,2-Dichlorobenzene	1.04	0.43	mg/Kg dry	2.10	ND	49.5	40-140	7.88	30	
1,3-Dichlorobenzene	0.993	0.43	mg/Kg dry	2.10	ND	47.3	40-140	8.69	30	
1,4-Dichlorobenzene	1.00	0.43	mg/Kg dry	2.10	ND	47.8	40-140	9.03	30	
3,3-Dichlorobenzidine	1.06	0.21	mg/Kg dry	2.10	ND	50.5	40-140	9.33	30	
2,4-Dichlorophenol	1.08	0.43	mg/Kg dry	2.10	ND	51.5	30-130	15.2	30	
Diethylphthalate	1.50	0.43	mg/Kg dry	2.10	ND	71.5	40-140	18.9	30	
2,4-Dimethylphenol	1.23	0.43	mg/Kg dry	2.10	ND	58.8	30-130	15.6	30	
Dimethylphthalate	1.46	0.43	mg/Kg dry	2.10	ND	69.4	40-140	16.0	30	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171155 - SW-846 3546										
Matrix Spike Dup (B171155-MSD1)	Source: 17B0911-08			Prepared: 02/23/17 Analyzed: 02/25/17						
4,6-Dinitro-2-methylphenol	0.682	0.43	mg/Kg dry	2.10	ND	32.5	30-130	18.2	30	
2,4-Dinitrophenol	0.599	0.83	mg/Kg dry	2.10	ND	28.6 *	30-130	15.6	30	MS-08
2,4-Dinitrotoluene	1.45	0.43	mg/Kg dry	2.10	ND	69.2	40-140	13.1	30	
2,6-Dinitrotoluene	1.47	0.43	mg/Kg dry	2.10	ND	70.0	40-140	15.1	30	
Di-n-octylphthalate	1.72	0.43	mg/Kg dry	2.10	ND	81.9	40-140	24.2	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.38	0.43	mg/Kg dry	2.10	ND	66.0	40-140	15.3	30	
Fluoranthene	1.96	0.21	mg/Kg dry	2.10	1.01	45.4	40-140	13.8	30	
Fluorene	1.47	0.21	mg/Kg dry	2.10	0.140	63.3	40-140	16.7	30	
Hexachlorobenzene	1.21	0.43	mg/Kg dry	2.10	ND	57.7	40-140	19.4	30	
Hexachlorobutadiene	1.16	0.43	mg/Kg dry	2.10	ND	55.1	40-140	15.3	30	
Hexachlorocyclopentadiene	0.313	0.43	mg/Kg dry	2.10	ND	14.9 *	30-130	0.669	30	MS-09
Hexachloroethane	1.15	0.43	mg/Kg dry	2.10	ND	54.6	40-140	3.21	30	
Indeno(1,2,3-cd)pyrene	1.19	0.21	mg/Kg dry	2.10	0.272	43.9	40-140	12.6	30	
Isophorone	1.23	0.43	mg/Kg dry	2.10	ND	58.6	40-140	16.0	30	
1-Methylnaphthalene	1.80	0.21	mg/Kg dry	2.10	0.958	40.1	40-140	15.9	30	
2-Methylnaphthalene	2.12	0.21	mg/Kg dry	2.10	1.32	38.2 *	40-140	16.5	30	MS-08
2-Methylphenol	1.14	0.43	mg/Kg dry	2.10	ND	54.2	30-130	10.1	30	
3/4-Methylphenol	1.21	0.43	mg/Kg dry	2.10	ND	57.8	30-130	10.0	30	
Naphthalene	1.56	0.21	mg/Kg dry	2.10	0.749	38.5 *	40-140	16.0	30	MS-08
2-Nitroaniline	1.44	0.43	mg/Kg dry	2.10	ND	68.4	40-140	14.1	30	
3-Nitroaniline	1.22	0.43	mg/Kg dry	2.10	ND	58.3	40-140	17.0	30	
4-Nitroaniline	1.46	0.43	mg/Kg dry	2.10	ND	69.8	40-140	13.4	30	
Nitrobenzene	1.17	0.43	mg/Kg dry	2.10	ND	55.9	40-140	11.5	30	
2-Nitrophenol	0.807	0.43	mg/Kg dry	2.10	ND	38.4	30-130	7.70	30	
4-Nitrophenol	1.11	0.83	mg/Kg dry	2.10	ND	52.8	30-130	2.17	30	
N-Nitrosodimethylamine	0.951	0.43	mg/Kg dry	2.10	ND	45.3	40-140	6.12	30	
N-Nitrosodiphenylamine	2.00	0.43	mg/Kg dry	2.10	ND	95.2	40-140	24.8	30	
N-Nitrosodi-n-propylamine	1.21	0.43	mg/Kg dry	2.10	ND	57.5	40-140	11.8	30	
Pentachloronitrobenzene	1.33	0.43	mg/Kg dry	2.10	ND	63.5	40-140	12.0	30	V-16
Pentachlorophenol	0.368	0.43	mg/Kg dry	2.10	ND	17.5 *	30-130	7.58	30	MS-09
Phenanthrene	2.06	0.21	mg/Kg dry	2.10	1.09	46.5	40-140	13.7	30	
Phenol	1.07	0.43	mg/Kg dry	2.10	ND	51.2	30-130	10.5	30	
Pyrene	2.52	0.21	mg/Kg dry	2.10	1.88	30.6 *	40-140	35.1 *	30	MS-23
Pyridine	0.713	0.43	mg/Kg dry	2.10	ND	34.0 *	40-140	8.84	30	MS-09
1,2,4,5-Tetrachlorobenzene	1.34	0.43	mg/Kg dry	2.10	ND	63.9	40-140	15.1	30	
1,2,4-Trichlorobenzene	1.13	0.43	mg/Kg dry	2.10	ND	54.0	40-140	13.2	30	
2,4,5-Trichlorophenol	0.995	0.43	mg/Kg dry	2.10	ND	47.4	30-130	13.6	30	
2,4,6-Trichlorophenol	0.644	0.43	mg/Kg dry	2.10	ND	30.7	30-130	11.4	30	
Surrogate: 2-Fluorophenol	4.26		mg/Kg dry	8.40		50.7	30-130			
Surrogate: Phenol-d6	4.77		mg/Kg dry	8.40		56.8	30-130			
Surrogate: Nitrobenzene-d5	2.39		mg/Kg dry	4.20		56.9	30-130			
Surrogate: 2-Fluorobiphenyl	2.86		mg/Kg dry	4.20		68.2	30-130			
Surrogate: 2,4,6-Tribromophenol	2.91		mg/Kg dry	8.40		34.6	30-130			
Surrogate: p-Terphenyl-d14	2.93		mg/Kg dry	4.20		69.9	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171185 - SW-846 3510C

Blank (B171185-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							V-20
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzidine	ND	20	µg/L							L-04, R-05, V-04, V-05
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							V-20
Bis(2-Ethylhexyl)phthalate	ND	5.0	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							R-05
1,3-Dichlorobenzene	ND	5.0	µg/L							R-05
1,4-Dichlorobenzene	ND	5.0	µg/L							R-05
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							R-05
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171185 - SW-846 3510C

Blank (B171185-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

2-Methylphenol	ND	10	µg/L							R-05, V-20
3/4-Methylphenol	ND	10	µg/L							V-20
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodimethylamine	ND	10	µg/L							V-20, R-05
N-Nitrosodiphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							V-20
Pentachloronitrobenzene	ND	10	µg/L							V-16
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							

Surrogate: 2-Fluorophenol	111		µg/L	200		55.3	15-110			
Surrogate: Phenol-d6	77.0		µg/L	200		38.5	15-110			
Surrogate: Nitrobenzene-d5	88.2		µg/L	100		88.2	30-130			
Surrogate: 2-Fluorobiphenyl	84.4		µg/L	100		84.4	30-130			
Surrogate: 2,4,6-Tribromophenol	194		µg/L	200		96.9	15-110			
Surrogate: p-Terphenyl-d14	97.4		µg/L	100		97.4	30-130			

Blank (B171185-BLK2)

Prepared: 02/24/17 Analyzed: 02/27/17

Bis(2-Ethylhexyl)phthalate	ND	1.0	µg/L							
Surrogate: 2-Fluorophenol	62.0		µg/L	200		31.0	15-110			
Surrogate: Phenol-d6	43.5		µg/L	200		21.8	15-110			
Surrogate: Nitrobenzene-d5	49.9		µg/L	100		49.9	30-130			
Surrogate: 2-Fluorobiphenyl	52.9		µg/L	100		52.9	30-130			
Surrogate: 2,4,6-Tribromophenol	133		µg/L	200		66.6	15-110			
Surrogate: p-Terphenyl-d14	63.7		µg/L	100		63.7	30-130			

LCS (B171185-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Acenaphthene	41.8	5.0	µg/L	50.0		83.6	40-140			
Acenaphthylene	40.1	5.0	µg/L	50.0		80.2	40-140			
Acetophenone	50.6	10	µg/L	50.0		101	40-140			V-20
Aniline	45.9	5.0	µg/L	50.0		91.8	40-140			
Anthracene	43.2	5.0	µg/L	50.0		86.4	40-140			
Benzidine	13.3	20	µg/L	50.0		26.6 *	40-140			L-04, R-05, V-04, V-05
Benzo(a)anthracene	44.4	5.0	µg/L	50.0		88.9	40-140			
Benzo(a)pyrene	42.4	5.0	µg/L	50.0		84.7	40-140			
Benzo(b)fluoranthene	41.2	5.0	µg/L	50.0		82.4	40-140			
Benzo(g,h,i)perylene	39.0	5.0	µg/L	50.0		77.9	40-140			
Benzo(k)fluoranthene	43.4	5.0	µg/L	50.0		86.7	40-140			
Benzoic Acid	12.5	10	µg/L	50.0		25.1	10-130			†
Bis(2-chloroethoxy)methane	49.0	10	µg/L	50.0		98.1	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171185 - SW-846 3510C										
LCS (B171185-BS1)										
					Prepared: 02/24/17 Analyzed: 02/27/17					
Bis(2-chloroethyl)ether	50.9	10	µg/L	50.0		102	40-140			
Bis(2-chloroisopropyl)ether	50.1	10	µg/L	50.0		100	40-140			V-20
Bis(2-Ethylhexyl)phthalate	43.4	5.0	µg/L	50.0		86.8	40-140			
4-Bromophenylphenylether	44.0	10	µg/L	50.0		88.1	40-140			
Butylbenzylphthalate	45.1	10	µg/L	50.0		90.2	40-140			
Carbazole	44.2	10	µg/L	50.0		88.5	40-140			
4-Chloroaniline	40.5	10	µg/L	50.0		81.0	40-140			
4-Chloro-3-methylphenol	47.0	10	µg/L	50.0		94.0	30-130			
2-Chloronaphthalene	39.6	10	µg/L	50.0		79.2	40-140			
2-Chlorophenol	45.5	10	µg/L	50.0		91.0	30-130			
4-Chlorophenylphenylether	44.7	10	µg/L	50.0		89.4	40-140			
Chrysene	44.3	5.0	µg/L	50.0		88.6	40-140			
Dibenz(a,h)anthracene	39.2	5.0	µg/L	50.0		78.3	40-140			
Dibenzofuran	44.3	5.0	µg/L	50.0		88.7	40-140			
Di-n-butylphthalate	44.4	10	µg/L	50.0		88.7	40-140			
1,2-Dichlorobenzene	46.9	5.0	µg/L	50.0		93.9	40-140			R-05
1,3-Dichlorobenzene	45.7	5.0	µg/L	50.0		91.3	40-140			R-05
1,4-Dichlorobenzene	45.4	5.0	µg/L	50.0		90.8	40-140			R-05
3,3-Dichlorobenzidine	45.0	10	µg/L	50.0		89.9	40-140			
2,4-Dichlorophenol	46.2	10	µg/L	50.0		92.4	30-130			
Diethylphthalate	46.0	10	µg/L	50.0		92.0	40-140			
2,4-Dimethylphenol	36.6	10	µg/L	50.0		73.3	30-130			R-05
Dimethylphthalate	44.8	10	µg/L	50.0		89.5	40-140			
4,6-Dinitro-2-methylphenol	43.7	10	µg/L	50.0		87.4	30-130			
2,4-Dinitrophenol	44.1	10	µg/L	50.0		88.2	30-130			
2,4-Dinitrotoluene	45.8	10	µg/L	50.0		91.6	40-140			
2,6-Dinitrotoluene	46.2	10	µg/L	50.0		92.4	40-140			
Di-n-octylphthalate	41.0	10	µg/L	50.0		81.9	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	45.3	10	µg/L	50.0		90.6	40-140			
Fluoranthene	44.8	5.0	µg/L	50.0		89.6	40-140			
Fluorene	43.5	5.0	µg/L	50.0		87.1	40-140			
Hexachlorobenzene	43.3	10	µg/L	50.0		86.5	40-140			
Hexachlorobutadiene	45.6	10	µg/L	50.0		91.3	40-140			
Hexachlorocyclopentadiene	31.8	10	µg/L	50.0		63.7	30-140			†
Hexachloroethane	46.9	10	µg/L	50.0		93.8	40-140			
Indeno(1,2,3-cd)pyrene	42.6	5.0	µg/L	50.0		85.1	40-140			
Isophorone	49.4	10	µg/L	50.0		98.7	40-140			
1-Methylnaphthalene	44.2	5.0	µg/L	50.0		88.4	40-140			
2-Methylnaphthalene	48.0	5.0	µg/L	50.0		96.0	40-140			
2-Methylphenol	41.7	10	µg/L	50.0		83.4	30-130			R-05, V-20
3/4-Methylphenol	42.6	10	µg/L	50.0		85.2	30-130			V-20
Naphthalene	44.4	5.0	µg/L	50.0		88.9	40-140			
2-Nitroaniline	44.8	10	µg/L	50.0		89.6	40-140			
3-Nitroaniline	43.1	10	µg/L	50.0		86.2	40-140			
4-Nitroaniline	44.8	10	µg/L	50.0		89.6	40-140			
Nitrobenzene	47.0	10	µg/L	50.0		93.9	40-140			
2-Nitrophenol	45.8	10	µg/L	50.0		91.5	30-130			
4-Nitrophenol	25.6	10	µg/L	50.0		51.1	10-130			†
N-Nitrosodimethylamine	34.7	10	µg/L	50.0		69.5	40-140			R-05, V-20
N-Nitrosodiphenylamine	57.7	10	µg/L	50.0		115	40-140			
N-Nitrosodi-n-propylamine	50.0	10	µg/L	50.0		100	40-140			V-20
Pentachloronitrobenzene	43.6	10	µg/L	50.0		87.3	40-140			V-16

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171185 - SW-846 3510C

LCS (B171185-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Pentachlorophenol	37.4	10	µg/L	50.0		74.8	30-130			
Phenanthrene	44.0	5.0	µg/L	50.0		88.1	40-140			
Phenol	22.6	10	µg/L	50.0		45.3	20-130			†
Pyrene	43.1	5.0	µg/L	50.0		86.2	40-140			
Pyridine	31.2	5.0	µg/L	50.0		62.4	10-140			†
1,2,4,5-Tetrachlorobenzene	41.4	10	µg/L	50.0		82.8	40-140			
1,2,4-Trichlorobenzene	44.8	5.0	µg/L	50.0		89.7	40-140			
2,4,5-Trichlorophenol	42.6	10	µg/L	50.0		85.2	30-130			
2,4,6-Trichlorophenol	43.0	10	µg/L	50.0		85.9	30-130			
Surrogate: 2-Fluorophenol	135		µg/L	200		67.4	15-110			
Surrogate: Phenol-d6	94.4		µg/L	200		47.2	15-110			
Surrogate: Nitrobenzene-d5	96.8		µg/L	100		96.8	30-130			
Surrogate: 2-Fluorobiphenyl	91.7		µg/L	100		91.7	30-130			
Surrogate: 2,4,6-Tribromophenol	216		µg/L	200		108	15-110			
Surrogate: p-Terphenyl-d14	95.2		µg/L	100		95.2	30-130			

LCS Dup (B171185-BSD1)

Prepared: 02/24/17 Analyzed: 02/27/17

Acenaphthene	41.0	5.0	µg/L	50.0		82.1	40-140	1.76	20	
Acenaphthylene	39.0	5.0	µg/L	50.0		78.1	40-140	2.70	20	
Acetophenone	42.1	10	µg/L	50.0		84.2	40-140	18.3	20	V-20
Aniline	36.1	5.0	µg/L	50.0		72.2	40-140	24.0	50	‡
Anthracene	42.8	5.0	µg/L	50.0		85.6	40-140	1.02	20	
Benzidine	ND	20	µg/L	50.0		*	40-140		20	L-04, R-05, V-04, V-05
Benzo(a)anthracene	44.6	5.0	µg/L	50.0		89.3	40-140	0.494	20	
Benzo(a)pyrene	43.7	5.0	µg/L	50.0		87.5	40-140	3.18	20	
Benzo(b)fluoranthene	42.7	5.0	µg/L	50.0		85.4	40-140	3.60	20	
Benzo(g,h,i)perylene	39.4	5.0	µg/L	50.0		78.9	40-140	1.25	20	
Benzo(k)fluoranthene	44.9	5.0	µg/L	50.0		89.9	40-140	3.60	20	
Benzoic Acid	13.3	10	µg/L	50.0		26.6	10-130	6.11	50	† ‡
Bis(2-chloroethoxy)methane	44.2	10	µg/L	50.0		88.4	40-140	10.4	20	
Bis(2-chloroethyl)ether	42.8	10	µg/L	50.0		85.7	40-140	17.2	20	
Bis(2-chloroisopropyl)ether	41.0	10	µg/L	50.0		82.1	40-140	19.8	20	V-20
Bis(2-Ethylhexyl)phthalate	44.3	5.0	µg/L	50.0		88.6	40-140	2.10	20	
4-Bromophenylphenylether	44.5	10	µg/L	50.0		89.0	40-140	1.06	20	
Butylbenzylphthalate	45.2	10	µg/L	50.0		90.3	40-140	0.155	20	
Carbazole	43.3	10	µg/L	50.0		86.6	40-140	2.22	20	
4-Chloroaniline	37.2	10	µg/L	50.0		74.3	40-140	8.65	20	
4-Chloro-3-methylphenol	43.1	10	µg/L	50.0		86.1	30-130	8.68	20	
2-Chloronaphthalene	37.6	10	µg/L	50.0		75.3	40-140	5.05	20	
2-Chlorophenol	38.3	10	µg/L	50.0		76.6	30-130	17.2	20	
4-Chlorophenylphenylether	44.4	10	µg/L	50.0		88.7	40-140	0.786	20	
Chrysene	44.5	5.0	µg/L	50.0		89.1	40-140	0.518	20	
Dibenz(a,h)anthracene	39.1	5.0	µg/L	50.0		78.1	40-140	0.281	20	
Dibenzofuran	43.6	5.0	µg/L	50.0		87.1	40-140	1.78	20	
Di-n-butylphthalate	44.0	10	µg/L	50.0		87.9	40-140	0.883	20	
1,2-Dichlorobenzene	37.6	5.0	µg/L	50.0		75.1	40-140	22.2	* 20	R-05
1,3-Dichlorobenzene	36.6	5.0	µg/L	50.0		73.2	40-140	22.1	* 20	R-05
1,4-Dichlorobenzene	36.8	5.0	µg/L	50.0		73.6	40-140	21.0	* 20	R-05
3,3-Dichlorobenzidine	43.8	10	µg/L	50.0		87.7	40-140	2.50	20	
2,4-Dichlorophenol	41.4	10	µg/L	50.0		82.8	30-130	11.0	20	
Diethylphthalate	45.3	10	µg/L	50.0		90.6	40-140	1.49	20	
2,4-Dimethylphenol	28.1	10	µg/L	50.0		56.2	30-130	26.4	* 20	R-05

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171185 - SW-846 3510C										
LCS Dup (B171185-BSD1)										
					Prepared: 02/24/17 Analyzed: 02/27/17					
Dimethylphthalate	44.2	10	µg/L	50.0		88.4	40-140	1.26	50	‡
4,6-Dinitro-2-methylphenol	43.3	10	µg/L	50.0		86.6	30-130	0.873	50	‡
2,4-Dinitrophenol	44.9	10	µg/L	50.0		89.8	30-130	1.84	50	‡
2,4-Dinitrotoluene	44.5	10	µg/L	50.0		88.9	40-140	2.92	20	
2,6-Dinitrotoluene	45.2	10	µg/L	50.0		90.4	40-140	2.19	20	
Di-n-octylphthalate	42.8	10	µg/L	50.0		85.6	40-140	4.39	20	
1,2-Diphenylhydrazine (as Azobenzene)	44.2	10	µg/L	50.0		88.3	40-140	2.59	20	
Fluoranthene	43.6	5.0	µg/L	50.0		87.2	40-140	2.81	20	
Fluorene	43.1	5.0	µg/L	50.0		86.1	40-140	1.06	20	
Hexachlorobenzene	43.6	10	µg/L	50.0		87.3	40-140	0.852	20	
Hexachlorobutadiene	39.8	10	µg/L	50.0		79.6	40-140	13.6	20	
Hexachlorocyclopentadiene	30.2	10	µg/L	50.0		60.4	30-140	5.29	50	† ‡
Hexachloroethane	38.6	10	µg/L	50.0		77.3	40-140	19.3	50	‡
Indeno(1,2,3-cd)pyrene	41.8	5.0	µg/L	50.0		83.6	40-140	1.78	50	‡
Isophorone	44.3	10	µg/L	50.0		88.6	40-140	10.8	20	
1-Methylnaphthalene	39.7	5.0	µg/L	50.0		79.4	40-140	10.8	20	
2-Methylnaphthalene	43.2	5.0	µg/L	50.0		86.4	40-140	10.5	20	
2-Methylphenol	33.8	10	µg/L	50.0		67.7	30-130	20.8 *	20	R-05, V-20
3/4-Methylphenol	35.8	10	µg/L	50.0		71.6	30-130	17.4	20	V-20
Naphthalene	39.2	5.0	µg/L	50.0		78.5	40-140	12.4	20	
2-Nitroaniline	42.9	10	µg/L	50.0		85.7	40-140	4.43	20	
3-Nitroaniline	41.8	10	µg/L	50.0		83.5	40-140	3.16	20	
4-Nitroaniline	42.8	10	µg/L	50.0		85.6	40-140	4.56	20	
Nitrobenzene	40.3	10	µg/L	50.0		80.5	40-140	15.4	20	
2-Nitrophenol	39.7	10	µg/L	50.0		79.4	30-130	14.1	20	
4-Nitrophenol	24.5	10	µg/L	50.0		49.0	10-130	4.31	50	† ‡
N-Nitrosodimethylamine	27.4	10	µg/L	50.0		54.8	40-140	23.7 *	20	R-05, V-20
N-Nitrosodiphenylamine	56.5	10	µg/L	50.0		113	40-140	2.05	20	
N-Nitrosodi-n-propylamine	42.1	10	µg/L	50.0		84.1	40-140	17.3	20	V-20
Pentachloronitrobenzene	43.8	10	µg/L	50.0		87.6	40-140	0.389	20	V-16
Pentachlorophenol	35.2	10	µg/L	50.0		70.3	30-130	6.09	50	‡
Phenanthrene	43.2	5.0	µg/L	50.0		86.4	40-140	1.99	20	
Phenol	18.6	10	µg/L	50.0		37.2	20-130	19.6	20	†
Pyrene	44.4	5.0	µg/L	50.0		88.8	40-140	2.97	20	
Pyridine	24.3	5.0	µg/L	50.0		48.6	10-140	24.8	50	† ‡
1,2,4,5-Tetrachlorobenzene	39.3	10	µg/L	50.0		78.6	40-140	5.20	20	
1,2,4-Trichlorobenzene	38.8	5.0	µg/L	50.0		77.5	40-140	14.6	20	
2,4,5-Trichlorophenol	42.1	10	µg/L	50.0		84.3	30-130	1.16	20	
2,4,6-Trichlorophenol	41.8	10	µg/L	50.0		83.5	30-130	2.88	50	‡
Surrogate: 2-Fluorophenol	107		µg/L	200		53.6	15-110			
Surrogate: Phenol-d6	75.7		µg/L	200		37.8	15-110			
Surrogate: Nitrobenzene-d5	82.3		µg/L	100		82.3	30-130			
Surrogate: 2-Fluorobiphenyl	87.5		µg/L	100		87.5	30-130			
Surrogate: 2,4,6-Tribromophenol	216		µg/L	200		108	15-110			
Surrogate: p-Terphenyl-d14	97.6		µg/L	100		97.6	30-130			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171190 - SW-846 3546

Blank (B171190-BLK1)

Prepared: 02/24/17 Analyzed: 03/01/17

Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.151		mg/Kg wet	0.200		75.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.148		mg/Kg wet	0.200		73.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.148		mg/Kg wet	0.200		73.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.143		mg/Kg wet	0.200		71.6	30-150			

LCS (B171190-BS1)

Prepared: 02/24/17 Analyzed: 03/01/17

Endrin Aldehyde	0.089	0.0080	mg/Kg wet	0.100		88.8	40-140			
Endrin Aldehyde [2C]	0.086	0.0080	mg/Kg wet	0.100		85.8	40-140			
Surrogate: Decachlorobiphenyl	0.177		mg/Kg wet	0.200		88.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.177		mg/Kg wet	0.200		88.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.183		mg/Kg wet	0.200		91.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.170		mg/Kg wet	0.200		84.8	30-150			

LCS Dup (B171190-BSD1)

Prepared: 02/24/17 Analyzed: 03/01/17

Endrin Aldehyde	0.082	0.0080	mg/Kg wet	0.100		81.9	40-140	8.10	30	
Endrin Aldehyde [2C]	0.077	0.0080	mg/Kg wet	0.100		77.3	40-140	10.4	30	
Surrogate: Decachlorobiphenyl	0.161		mg/Kg wet	0.200		80.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.162		mg/Kg wet	0.200		81.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.167		mg/Kg wet	0.200		83.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.153		mg/Kg wet	0.200		76.7	30-150			

Matrix Spike (B171190-MS1)

Source: 17B0911-08

Prepared: 02/24/17 Analyzed: 03/01/17

Endrin Aldehyde	0.054	0.010	mg/Kg dry	0.126	ND	42.7	30-150			
Endrin Aldehyde [2C]	0.048	0.010	mg/Kg dry	0.126	ND	38.5	30-150			
Surrogate: Decachlorobiphenyl	0.188		mg/Kg dry	0.252		74.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.166		mg/Kg dry	0.252		65.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.188		mg/Kg dry	0.252		74.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.160		mg/Kg dry	0.252		63.4	30-150			

Matrix Spike Dup (B171190-MSD1)

Source: 17B0911-08

Prepared: 02/24/17 Analyzed: 03/01/17

Endrin Aldehyde	0.050	0.010	mg/Kg dry	0.126	ND	40.0	30-150	6.41	30	
Endrin Aldehyde [2C]	0.053	0.010	mg/Kg dry	0.126	ND	42.0	30-150	8.82	30	
Surrogate: Decachlorobiphenyl	0.175		mg/Kg dry	0.252		69.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.159		mg/Kg dry	0.252		62.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.182		mg/Kg dry	0.252		72.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.158		mg/Kg dry	0.252		62.7	30-150			

Batch B171344 - SW-846 3510C

Blank (B171344-BLK1)

Prepared: 02/27/17 Analyzed: 02/28/17

alpha-Chlordane	ND	0.050	µg/L							
alpha-Chlordane [2C]	ND	0.050	µg/L							
gamma-Chlordane	ND	0.050	µg/L							
gamma-Chlordane [2C]	ND	0.050	µg/L							
Alachlor	ND	0.20	µg/L							
Alachlor [2C]	ND	0.20	µg/L							
Aldrin	ND	0.050	µg/L							
Aldrin [2C]	ND	0.050	µg/L							
alpha-BHC	ND	0.050	µg/L							
alpha-BHC [2C]	ND	0.050	µg/L							
beta-BHC	ND	0.050	µg/L							



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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171344 - SW-846 3510C

Blank (B171344-BLK1)

Prepared: 02/27/17 Analyzed: 02/28/17

beta-BHC [2C]	ND	0.050	µg/L							
delta-BHC	ND	0.050	µg/L							
delta-BHC [2C]	ND	0.050	µg/L							
gamma-BHC (Lindane)	ND	0.030	µg/L							
gamma-BHC (Lindane) [2C]	ND	0.030	µg/L							
Chlordane	ND	0.20	µg/L							
Chlordane [2C]	ND	0.20	µg/L							
4,4'-DDD	ND	0.040	µg/L							
4,4'-DDD [2C]	ND	0.040	µg/L							
4,4'-DDE	ND	0.040	µg/L							
4,4'-DDE [2C]	ND	0.040	µg/L							
4,4'-DDT	ND	0.040	µg/L							
4,4'-DDT [2C]	ND	0.040	µg/L							
Dieldrin	ND	0.0020	µg/L							
Dieldrin [2C]	ND	0.0020	µg/L							
Endosulfan I	ND	0.050	µg/L							
Endosulfan I [2C]	ND	0.050	µg/L							
Endosulfan II	ND	0.080	µg/L							
Endosulfan II [2C]	ND	0.080	µg/L							
Endosulfan Sulfate	ND	0.080	µg/L							
Endosulfan Sulfate [2C]	ND	0.080	µg/L							
Endrin	ND	0.080	µg/L							
Endrin [2C]	ND	0.080	µg/L							
Endrin Aldehyde	ND	0.080	µg/L							
Endrin Aldehyde [2C]	ND	0.080	µg/L							
Endrin Ketone	ND	0.080	µg/L							
Endrin Ketone [2C]	ND	0.080	µg/L							
Heptachlor	ND	0.050	µg/L							
Heptachlor [2C]	ND	0.050	µg/L							
Heptachlor Epoxide	ND	0.050	µg/L							
Heptachlor Epoxide [2C]	ND	0.050	µg/L							
Hexachlorobenzene	ND	0.050	µg/L							
Hexachlorobenzene [2C]	ND	0.050	µg/L							
Methoxychlor	ND	0.50	µg/L							
Methoxychlor [2C]	ND	0.50	µg/L							
Toxaphene	ND	1.0	µg/L							
Toxaphene [2C]	ND	1.0	µg/L							
Surrogate: Decachlorobiphenyl	1.54		µg/L	2.00		76.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.49		µg/L	2.00		74.6	30-150			
Surrogate: Tetrachloro-m-xylene	1.42		µg/L	2.00		71.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.35		µg/L	2.00		67.4	30-150			

LCS (B171344-BS1)

Prepared: 02/27/17 Analyzed: 02/28/17

Alachlor	0.98	0.20	µg/L	1.00		98.4	40-140			
Alachlor [2C]	0.96	0.20	µg/L	1.00		96.4	40-140			
Aldrin	0.84	0.050	µg/L	1.00		83.7	40-140			
Aldrin [2C]	0.76	0.050	µg/L	1.00		76.5	40-140			
alpha-BHC	0.85	0.050	µg/L	1.00		85.3	40-140			
alpha-BHC [2C]	0.79	0.050	µg/L	1.00		78.5	40-140			
beta-BHC	0.84	0.050	µg/L	1.00		83.8	40-140			
beta-BHC [2C]	0.79	0.050	µg/L	1.00		78.6	40-140			
delta-BHC	0.88	0.050	µg/L	1.00		87.6	40-140			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171344 - SW-846 3510C

LCS (B171344-BS1)

Prepared: 02/27/17 Analyzed: 02/28/17

delta-BHC [2C]	0.79	0.050	µg/L	1.00		79.3	40-140			
gamma-BHC (Lindane)	0.91	0.030	µg/L	1.00		91.3	40-140			
gamma-BHC (Lindane) [2C]	0.80	0.030	µg/L	1.00		79.9	40-140			
4,4'-DDD	0.94	0.040	µg/L	1.00		94.5	40-140			
4,4'-DDD [2C]	0.87	0.040	µg/L	1.00		87.2	40-140			
4,4'-DDE	0.91	0.040	µg/L	1.00		90.5	40-140			
4,4'-DDE [2C]	0.86	0.040	µg/L	1.00		86.0	40-140			
4,4'-DDT	0.94	0.040	µg/L	1.00		94.2	40-140			
4,4'-DDT [2C]	0.88	0.040	µg/L	1.00		87.7	40-140			
Dieldrin	0.86	0.0020	µg/L	1.00		85.7	40-140			
Dieldrin [2C]	0.81	0.0020	µg/L	1.00		80.7	40-140			
Endosulfan I	0.83	0.050	µg/L	1.00		83.0	40-140			
Endosulfan I [2C]	0.83	0.050	µg/L	1.00		82.9	40-140			
Endosulfan II	0.85	0.080	µg/L	1.00		85.2	40-140			
Endosulfan II [2C]	0.85	0.080	µg/L	1.00		85.2	40-140			
Endosulfan Sulfate	0.89	0.080	µg/L	1.00		88.7	40-140			
Endosulfan Sulfate [2C]	0.86	0.080	µg/L	1.00		85.8	40-140			
Endrin	0.86	0.080	µg/L	1.00		86.3	40-140			
Endrin [2C]	0.84	0.080	µg/L	1.00		84.3	40-140			
Endrin Aldehyde	0.88	0.080	µg/L	1.00		88.2	40-140			
Endrin Aldehyde [2C]	0.88	0.080	µg/L	1.00		87.5	40-140			
Endrin Ketone	0.91	0.080	µg/L	1.00		90.6	40-140			
Endrin Ketone [2C]	0.89	0.080	µg/L	1.00		89.4	40-140			
Heptachlor	0.82	0.050	µg/L	1.00		81.6	40-140			
Heptachlor [2C]	0.79	0.050	µg/L	1.00		78.6	40-140			
Heptachlor Epoxide	0.85	0.050	µg/L	1.00		85.1	40-140			
Heptachlor Epoxide [2C]	0.82	0.050	µg/L	1.00		82.1	40-140			
Hexachlorobenzene	0.78	0.050	µg/L	1.00		77.6	40-140			
Hexachlorobenzene [2C]	0.72	0.050	µg/L	1.00		71.6	40-140			
Methoxychlor	0.87	0.50	µg/L	1.00		87.2	40-140			
Methoxychlor [2C]	0.87	0.50	µg/L	1.00		87.1	40-140			
Surrogate: Decachlorobiphenyl	1.74		µg/L	2.00		87.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.68		µg/L	2.00		84.2	30-150			
Surrogate: Tetrachloro-m-xylene	1.55		µg/L	2.00		77.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.43		µg/L	2.00		71.4	30-150			

LCS Dup (B171344-BSD1)

Prepared: 02/27/17 Analyzed: 02/28/17

Alachlor	1.0	0.20	µg/L	1.00		103	40-140	4.85	20	
Alachlor [2C]	1.0	0.20	µg/L	1.00		100	40-140	4.09	20	
Aldrin	0.84	0.050	µg/L	1.00		84.1	40-140	0.414	20	
Aldrin [2C]	0.77	0.050	µg/L	1.00		76.8	40-140	0.460	20	
alpha-BHC	0.90	0.050	µg/L	1.00		90.0	40-140	5.36	20	
alpha-BHC [2C]	0.84	0.050	µg/L	1.00		84.4	40-140	7.14	20	
beta-BHC	0.88	0.050	µg/L	1.00		87.9	40-140	4.82	20	
beta-BHC [2C]	0.84	0.050	µg/L	1.00		83.9	40-140	6.51	20	
delta-BHC	0.92	0.050	µg/L	1.00		92.4	40-140	5.35	20	
delta-BHC [2C]	0.85	0.050	µg/L	1.00		84.7	40-140	6.67	20	
gamma-BHC (Lindane)	0.96	0.030	µg/L	1.00		95.8	40-140	4.78	20	
gamma-BHC (Lindane) [2C]	0.85	0.030	µg/L	1.00		85.4	40-140	6.64	20	
4,4'-DDD	0.99	0.040	µg/L	1.00		99.3	40-140	4.92	20	
4,4'-DDD [2C]	0.92	0.040	µg/L	1.00		91.6	40-140	4.91	20	
4,4'-DDE	0.94	0.040	µg/L	1.00		94.1	40-140	3.87	20	



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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171344 - SW-846 3510C

LCS Dup (B171344-BSD1)

Prepared: 02/27/17 Analyzed: 02/28/17

4,4'-DDE [2C]	0.89	0.040	µg/L	1.00		89.3	40-140	3.75	20	
4,4'-DDT	0.99	0.040	µg/L	1.00		98.7	40-140	4.66	20	
4,4'-DDT [2C]	0.92	0.040	µg/L	1.00		92.3	40-140	5.06	20	
Dieldrin	0.90	0.0020	µg/L	1.00		89.7	40-140	4.58	20	
Dieldrin [2C]	0.84	0.0020	µg/L	1.00		84.2	40-140	4.30	20	
Endosulfan I	0.87	0.050	µg/L	1.00		87.0	40-140	4.78	20	
Endosulfan I [2C]	0.87	0.050	µg/L	1.00		86.7	40-140	4.51	20	
Endosulfan II	0.89	0.080	µg/L	1.00		89.3	40-140	4.66	20	
Endosulfan II [2C]	0.89	0.080	µg/L	1.00		89.1	40-140	4.47	20	
Endosulfan Sulfate	0.93	0.080	µg/L	1.00		92.8	40-140	4.55	20	
Endosulfan Sulfate [2C]	0.90	0.080	µg/L	1.00		90.0	40-140	4.77	20	
Endrin	0.91	0.080	µg/L	1.00		90.5	40-140	4.74	20	
Endrin [2C]	0.88	0.080	µg/L	1.00		88.2	40-140	4.50	20	
Endrin Aldehyde	0.92	0.080	µg/L	1.00		92.3	40-140	4.58	20	
Endrin Aldehyde [2C]	0.92	0.080	µg/L	1.00		91.5	40-140	4.50	20	
Endrin Ketone	0.95	0.080	µg/L	1.00		94.6	40-140	4.25	20	
Endrin Ketone [2C]	0.94	0.080	µg/L	1.00		94.1	40-140	5.12	20	
Heptachlor	0.83	0.050	µg/L	1.00		83.5	40-140	2.26	20	
Heptachlor [2C]	0.81	0.050	µg/L	1.00		80.6	40-140	2.43	20	
Heptachlor Epoxide	0.89	0.050	µg/L	1.00		89.3	40-140	4.79	20	
Heptachlor Epoxide [2C]	0.86	0.050	µg/L	1.00		85.9	40-140	4.44	20	
Hexachlorobenzene	0.80	0.050	µg/L	1.00		80.3	40-140	3.50	20	
Hexachlorobenzene [2C]	0.75	0.050	µg/L	1.00		75.3	40-140	5.11	20	
Methoxychlor	0.91	0.50	µg/L	1.00		91.3	40-140	4.60	20	
Methoxychlor [2C]	0.92	0.50	µg/L	1.00		91.8	40-140	5.29	20	
Surrogate: Decachlorobiphenyl	1.71		µg/L	2.00		85.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.67		µg/L	2.00		83.3	30-150			
Surrogate: Tetrachloro-m-xylene	1.51		µg/L	2.00		75.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.42		µg/L	2.00		70.9	30-150			

Batch B171581 - SW-846 3546

Blank (B171581-BLK1)

Prepared & Analyzed: 03/01/17

alpha-Chlordane	ND	0.0050	mg/Kg wet							
alpha-Chlordane [2C]	ND	0.0050	mg/Kg wet							
gamma-Chlordane	ND	0.0050	mg/Kg wet							
gamma-Chlordane [2C]	ND	0.0050	mg/Kg wet							
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0020	mg/Kg wet							
Aldrin [2C]	ND	0.0020	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0010	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0010	mg/Kg wet							

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171581 - SW-846 3546

Blank (B171581-BLK1)

Prepared & Analyzed: 03/01/17

4,4'-DDE	ND	0.0010	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0010	mg/Kg wet							
4,4'-DDT	ND	0.0010	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0010	mg/Kg wet							
Dieldrin	ND	0.0020	mg/Kg wet							
Dieldrin [2C]	ND	0.0020	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0060	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0060	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.155		mg/Kg wet	0.200		77.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.165		mg/Kg wet	0.200		82.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.178		mg/Kg wet	0.200		89.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.167		mg/Kg wet	0.200		83.6	30-150			

LCS (B171581-BS1)

Prepared & Analyzed: 03/01/17

alpha-Chlordane	0.087	0.0050	mg/Kg wet	0.100		87.0	40-140			
alpha-Chlordane [2C]	0.088	0.0050	mg/Kg wet	0.100		87.5	40-140			
gamma-Chlordane	0.085	0.0050	mg/Kg wet	0.100		85.0	40-140			
gamma-Chlordane [2C]	0.088	0.0050	mg/Kg wet	0.100		88.5	40-140			
Alachlor	0.097	0.020	mg/Kg wet	0.100		97.4	40-140			
Alachlor [2C]	0.096	0.020	mg/Kg wet	0.100		96.3	40-140			
Aldrin	0.087	0.0020	mg/Kg wet	0.100		87.3	40-140			
Aldrin [2C]	0.085	0.0020	mg/Kg wet	0.100		85.4	40-140			
alpha-BHC	0.088	0.0050	mg/Kg wet	0.100		88.0	40-140			
alpha-BHC [2C]	0.083	0.0050	mg/Kg wet	0.100		83.1	40-140			
beta-BHC	0.085	0.0050	mg/Kg wet	0.100		85.0	40-140			
beta-BHC [2C]	0.081	0.0050	mg/Kg wet	0.100		80.8	40-140			
delta-BHC	0.086	0.0050	mg/Kg wet	0.100		85.7	40-140			
delta-BHC [2C]	0.080	0.0050	mg/Kg wet	0.100		80.5	40-140			
gamma-BHC (Lindane)	0.090	0.0020	mg/Kg wet	0.100		89.9	40-140			
gamma-BHC (Lindane) [2C]	0.085	0.0020	mg/Kg wet	0.100		85.2	40-140			
4,4'-DDD	0.091	0.0010	mg/Kg wet	0.100		91.4	40-140			
4,4'-DDD [2C]	0.090	0.0010	mg/Kg wet	0.100		90.4	40-140			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171581 - SW-846 3546

LCS (B171581-BS1)

Prepared & Analyzed: 03/01/17

4,4'-DDE	0.089	0.0010	mg/Kg wet	0.100		89.4	40-140			
4,4'-DDE [2C]	0.088	0.0010	mg/Kg wet	0.100		88.4	40-140			
4,4'-DDT	0.092	0.0010	mg/Kg wet	0.100		92.5	40-140			
4,4'-DDT [2C]	0.088	0.0010	mg/Kg wet	0.100		88.3	40-140			
Dieldrin	0.084	0.0020	mg/Kg wet	0.100		84.2	40-140			
Dieldrin [2C]	0.082	0.0020	mg/Kg wet	0.100		82.2	40-140			
Endosulfan I	0.087	0.0050	mg/Kg wet	0.100		86.9	40-140			
Endosulfan I [2C]	0.087	0.0050	mg/Kg wet	0.100		86.7	40-140			
Endosulfan II	0.087	0.0080	mg/Kg wet	0.100		86.7	40-140			
Endosulfan II [2C]	0.087	0.0080	mg/Kg wet	0.100		86.8	40-140			
Endosulfan Sulfate	0.089	0.0080	mg/Kg wet	0.100		88.7	40-140			
Endosulfan Sulfate [2C]	0.086	0.0080	mg/Kg wet	0.100		86.2	40-140			
Endrin	0.095	0.0080	mg/Kg wet	0.100		95.0	40-140			
Endrin [2C]	0.095	0.0080	mg/Kg wet	0.100		95.0	40-140			
Endrin Ketone	0.091	0.0080	mg/Kg wet	0.100		91.1	40-140			
Endrin Ketone [2C]	0.088	0.0080	mg/Kg wet	0.100		88.3	40-140			
Heptachlor	0.083	0.0050	mg/Kg wet	0.100		82.7	40-140			
Heptachlor [2C]	0.087	0.0050	mg/Kg wet	0.100		87.4	40-140			
Heptachlor Epoxide	0.087	0.0050	mg/Kg wet	0.100		87.4	40-140			
Heptachlor Epoxide [2C]	0.085	0.0050	mg/Kg wet	0.100		84.6	40-140			
Hexachlorobenzene	0.089	0.0060	mg/Kg wet	0.100		88.8	40-140			
Hexachlorobenzene [2C]	0.081	0.0060	mg/Kg wet	0.100		80.8	40-140			
Methoxychlor	0.092	0.050	mg/Kg wet	0.100		92.4	40-140			
Methoxychlor [2C]	0.095	0.050	mg/Kg wet	0.100		95.1	40-140			
Surrogate: Decachlorobiphenyl	0.165		mg/Kg wet	0.200		82.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.172		mg/Kg wet	0.200		85.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.185		mg/Kg wet	0.200		92.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.169		mg/Kg wet	0.200		84.7	30-150			

LCS Dup (B171581-BS1)

Prepared & Analyzed: 03/01/17

alpha-Chlordane	0.087	0.0050	mg/Kg wet	0.100		87.1	40-140	0.130	30	
alpha-Chlordane [2C]	0.087	0.0050	mg/Kg wet	0.100		87.0	40-140	0.637	30	
gamma-Chlordane	0.086	0.0050	mg/Kg wet	0.100		85.6	40-140	0.689	30	
gamma-Chlordane [2C]	0.088	0.0050	mg/Kg wet	0.100		87.7	40-140	0.951	30	
Alachlor	0.094	0.020	mg/Kg wet	0.100		94.4	40-140	3.14	30	
Alachlor [2C]	0.093	0.020	mg/Kg wet	0.100		92.6	40-140	3.98	30	
Aldrin	0.087	0.0020	mg/Kg wet	0.100		86.7	40-140	0.681	30	
Aldrin [2C]	0.084	0.0020	mg/Kg wet	0.100		84.3	40-140	1.22	30	
alpha-BHC	0.085	0.0050	mg/Kg wet	0.100		85.0	40-140	3.47	30	
alpha-BHC [2C]	0.081	0.0050	mg/Kg wet	0.100		80.9	40-140	2.66	30	
beta-BHC	0.082	0.0050	mg/Kg wet	0.100		82.0	40-140	3.60	30	
beta-BHC [2C]	0.078	0.0050	mg/Kg wet	0.100		77.9	40-140	3.72	30	
delta-BHC	0.082	0.0050	mg/Kg wet	0.100		82.0	40-140	4.42	30	
delta-BHC [2C]	0.078	0.0050	mg/Kg wet	0.100		78.4	40-140	2.62	30	
gamma-BHC (Lindane)	0.087	0.0020	mg/Kg wet	0.100		86.9	40-140	3.37	30	
gamma-BHC (Lindane) [2C]	0.083	0.0020	mg/Kg wet	0.100		82.9	40-140	2.82	30	
4,4'-DDD	0.091	0.0010	mg/Kg wet	0.100		91.5	40-140	0.0667	30	
4,4'-DDD [2C]	0.090	0.0010	mg/Kg wet	0.100		90.1	40-140	0.352	30	
4,4'-DDE	0.089	0.0010	mg/Kg wet	0.100		88.8	40-140	0.750	30	
4,4'-DDE [2C]	0.088	0.0010	mg/Kg wet	0.100		88.1	40-140	0.360	30	
4,4'-DDT	0.092	0.0010	mg/Kg wet	0.100		92.3	40-140	0.171	30	
4,4'-DDT [2C]	0.087	0.0010	mg/Kg wet	0.100		87.4	40-140	1.09	30	

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171581 - SW-846 3546

LCS Dup (B171581-BSD1)

Prepared & Analyzed: 03/01/17

Dieldrin	0.084	0.0020	mg/Kg wet	0.100		84.2	40-140	0.0439	30	
Dieldrin [2C]	0.081	0.0020	mg/Kg wet	0.100		81.5	40-140	0.857	30	
Endosulfan I	0.087	0.0050	mg/Kg wet	0.100		87.1	40-140	0.210	30	
Endosulfan I [2C]	0.086	0.0050	mg/Kg wet	0.100		86.4	40-140	0.343	30	
Endosulfan II	0.086	0.0080	mg/Kg wet	0.100		86.3	40-140	0.502	30	
Endosulfan II [2C]	0.086	0.0080	mg/Kg wet	0.100		85.8	40-140	1.13	30	
Endosulfan Sulfate	0.086	0.0080	mg/Kg wet	0.100		86.0	40-140	3.07	30	
Endosulfan Sulfate [2C]	0.084	0.0080	mg/Kg wet	0.100		83.9	40-140	2.73	30	
Endrin	0.095	0.0080	mg/Kg wet	0.100		94.8	40-140	0.256	30	
Endrin [2C]	0.094	0.0080	mg/Kg wet	0.100		94.5	40-140	0.593	30	
Endrin Ketone	0.088	0.0080	mg/Kg wet	0.100		88.1	40-140	3.40	30	
Endrin Ketone [2C]	0.086	0.0080	mg/Kg wet	0.100		85.9	40-140	2.81	30	
Heptachlor	0.081	0.0050	mg/Kg wet	0.100		80.6	40-140	2.60	30	
Heptachlor [2C]	0.086	0.0050	mg/Kg wet	0.100		85.9	40-140	1.66	30	
Heptachlor Epoxide	0.087	0.0050	mg/Kg wet	0.100		87.2	40-140	0.233	30	
Heptachlor Epoxide [2C]	0.084	0.0050	mg/Kg wet	0.100		84.0	40-140	0.824	30	
Hexachlorobenzene	0.088	0.0060	mg/Kg wet	0.100		87.7	40-140	1.22	30	
Hexachlorobenzene [2C]	0.080	0.0060	mg/Kg wet	0.100		80.3	40-140	0.602	30	
Methoxychlor	0.092	0.050	mg/Kg wet	0.100		91.9	40-140	0.557	30	
Methoxychlor [2C]	0.093	0.050	mg/Kg wet	0.100		92.9	40-140	2.39	30	
Surrogate: Decachlorobiphenyl	0.165		mg/Kg wet	0.200		82.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.169		mg/Kg wet	0.200		84.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.180		mg/Kg wet	0.200		90.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.165		mg/Kg wet	0.200		82.5	30-150			

Matrix Spike (B171581-MS1)

Source: 17B0911-08RE1

Prepared & Analyzed: 03/01/17

Alachlor	0.10	0.025	mg/Kg dry	0.126	ND	82.7	30-150			
Alachlor [2C]	0.12	0.025	mg/Kg dry	0.126	ND	92.0	30-150			
Aldrin	0.082	0.0025	mg/Kg dry	0.126	ND	65.0	30-150			
Aldrin [2C]	0.075	0.0025	mg/Kg dry	0.126	ND	59.2	30-150			
alpha-BHC	0.079	0.0063	mg/Kg dry	0.126	ND	63.0	30-150			
alpha-BHC [2C]	0.071	0.0063	mg/Kg dry	0.126	ND	56.1	30-150			
beta-BHC	0.076	0.0063	mg/Kg dry	0.126	ND	60.3	30-150			
beta-BHC [2C]	0.070	0.0063	mg/Kg dry	0.126	ND	55.3	30-150			
delta-BHC	0.071	0.0063	mg/Kg dry	0.126	ND	56.1	30-150			
delta-BHC [2C]	0.061	0.0063	mg/Kg dry	0.126	ND	48.7	30-150			
gamma-BHC (Lindane)	0.077	0.0025	mg/Kg dry	0.126	ND	60.9	30-150			
gamma-BHC (Lindane) [2C]	0.071	0.0025	mg/Kg dry	0.126	ND	56.4	30-150			
4,4'-DDD	0.11	0.0013	mg/Kg dry	0.126	ND	83.5	30-150			
4,4'-DDD [2C]	0.069	0.0013	mg/Kg dry	0.126	ND	55.1	30-150			
4,4'-DDE	0.092	0.0013	mg/Kg dry	0.126	0.0067	67.5	30-150			
4,4'-DDE [2C]	0.086	0.0013	mg/Kg dry	0.126	0.0087	61.6	30-150			
4,4'-DDT	0.097	0.0013	mg/Kg dry	0.126	0.0099	68.9	30-150			
4,4'-DDT [2C]	0.11	0.0013	mg/Kg dry	0.126	0.018	74.2	30-150			
Dieldrin	0.088	0.0025	mg/Kg dry	0.126	0.0062	65.1	30-150			
Dieldrin [2C]	0.096	0.0025	mg/Kg dry	0.126	0.014	65.1	30-150			
Endosulfan I	0.062	0.0063	mg/Kg dry	0.126	ND	49.5	30-150			
Endosulfan I [2C]	0.057	0.0063	mg/Kg dry	0.126	ND	45.2	30-150			
Endosulfan II	0.063	0.010	mg/Kg dry	0.126	ND	49.9	30-150			
Endosulfan II [2C]	0.075	0.010	mg/Kg dry	0.126	ND	59.4	30-150			
Endosulfan Sulfate	0.040	0.010	mg/Kg dry	0.126	ND	31.9	30-150			
Endosulfan Sulfate [2C]	0.044	0.010	mg/Kg dry	0.126	ND	34.6	30-150			

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171581 - SW-846 3546

Matrix Spike (B171581-MS1)

Source: 17B0911-08RE1

Prepared & Analyzed: 03/01/17

Endrin	0.096	0.010	mg/Kg dry	0.126	ND	75.9	30-150			
Endrin [2C]	0.085	0.010	mg/Kg dry	0.126	ND	67.8	30-150			
Endrin Ketone	0.067	0.010	mg/Kg dry	0.126	ND	53.6	30-150			
Endrin Ketone [2C]	0.062	0.010	mg/Kg dry	0.126	ND	49.3	30-150			
Heptachlor	0.082	0.0063	mg/Kg dry	0.126	ND	65.5	30-150			
Heptachlor [2C]	0.080	0.0063	mg/Kg dry	0.126	ND	63.2	30-150			
Heptachlor Epoxide	0.085	0.0063	mg/Kg dry	0.126	ND	67.5	30-150			
Heptachlor Epoxide [2C]	0.089	0.0063	mg/Kg dry	0.126	ND	70.9	30-150			
Hexachlorobenzene	0.082	0.0076	mg/Kg dry	0.126	ND	65.5	30-150			
Hexachlorobenzene [2C]	0.073	0.0076	mg/Kg dry	0.126	ND	57.7	30-150			
Methoxychlor	0.092	0.063	mg/Kg dry	0.126	ND	72.9	30-150			
Methoxychlor [2C]	0.088	0.063	mg/Kg dry	0.126	ND	70.0	30-150			
Surrogate: Decachlorobiphenyl	0.219		mg/Kg dry	0.252		87.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.221		mg/Kg dry	0.252		87.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.185		mg/Kg dry	0.252		73.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.159		mg/Kg dry	0.252		63.1	30-150			

Matrix Spike Dup (B171581-MSD1)

Source: 17B0911-08RE1

Prepared: 03/01/17 Analyzed: 03/02/17

Alachlor	0.12	0.025	mg/Kg dry	0.126	ND	95.8	30-150	14.7	30	
Alachlor [2C]	0.13	0.025	mg/Kg dry	0.126	ND	104	30-150	12.7	30	
Aldrin	0.095	0.0025	mg/Kg dry	0.126	ND	75.2	30-150	14.5	30	
Aldrin [2C]	0.087	0.0025	mg/Kg dry	0.126	ND	69.2	30-150	15.6	30	
alpha-BHC	0.093	0.0063	mg/Kg dry	0.126	ND	73.9	30-150	15.9	30	
alpha-BHC [2C]	0.084	0.0063	mg/Kg dry	0.126	ND	66.9	30-150	17.5	30	
beta-BHC	0.089	0.0063	mg/Kg dry	0.126	ND	70.4	30-150	15.5	30	
beta-BHC [2C]	0.082	0.0063	mg/Kg dry	0.126	ND	65.0	30-150	16.1	30	
delta-BHC	0.086	0.0063	mg/Kg dry	0.126	ND	68.6	30-150	20.0	30	
delta-BHC [2C]	0.076	0.0063	mg/Kg dry	0.126	ND	60.3	30-150	21.3	30	
gamma-BHC (Lindane)	0.091	0.0025	mg/Kg dry	0.126	ND	72.5	30-150	17.4	30	
gamma-BHC (Lindane) [2C]	0.085	0.0025	mg/Kg dry	0.126	ND	67.6	30-150	18.0	30	
4,4'-DDD	0.12	0.0013	mg/Kg dry	0.126	ND	92.8	30-150	10.6	30	
4,4'-DDD [2C]	0.083	0.0013	mg/Kg dry	0.126	ND	65.7	30-150	17.6	30	
4,4'-DDE	0.10	0.0013	mg/Kg dry	0.126	0.0067	76.8	30-150	11.9	30	
4,4'-DDE [2C]	0.098	0.0013	mg/Kg dry	0.126	0.0087	70.6	30-150	12.3	30	
4,4'-DDT	0.11	0.0013	mg/Kg dry	0.126	0.0099	78.5	30-150	11.7	30	
4,4'-DDT [2C]	0.12	0.0013	mg/Kg dry	0.126	0.018	82.0	30-150	8.44	30	
Dieldrin	0.10	0.0025	mg/Kg dry	0.126	0.0062	74.8	30-150	12.9	30	
Dieldrin [2C]	0.11	0.0025	mg/Kg dry	0.126	0.014	73.6	30-150	10.5	30	
Endosulfan I	0.072	0.0063	mg/Kg dry	0.126	ND	57.4	30-150	14.7	30	
Endosulfan I [2C]	0.067	0.0063	mg/Kg dry	0.126	ND	53.6	30-150	16.9	30	
Endosulfan II	0.075	0.010	mg/Kg dry	0.126	ND	59.2	30-150	17.1	30	
Endosulfan II [2C]	0.085	0.010	mg/Kg dry	0.126	ND	67.7	30-150	13.2	30	
Endosulfan Sulfate	0.044	0.010	mg/Kg dry	0.126	ND	35.3	30-150	10.1	30	
Endosulfan Sulfate [2C]	0.050	0.010	mg/Kg dry	0.126	ND	39.5	30-150	13.4	30	
Endrin	0.11	0.010	mg/Kg dry	0.126	ND	86.2	30-150	12.8	30	
Endrin [2C]	0.10	0.010	mg/Kg dry	0.126	ND	79.0	30-150	15.3	30	
Endrin Ketone	0.073	0.010	mg/Kg dry	0.126	ND	58.2	30-150	8.16	30	
Endrin Ketone [2C]	0.068	0.010	mg/Kg dry	0.126	ND	53.7	30-150	8.43	30	
Heptachlor	0.097	0.0063	mg/Kg dry	0.126	ND	76.8	30-150	15.9	30	
Heptachlor [2C]	0.094	0.0063	mg/Kg dry	0.126	ND	75.0	30-150	17.0	30	
Heptachlor Epoxide	0.097	0.0063	mg/Kg dry	0.126	ND	77.4	30-150	13.7	30	
Heptachlor Epoxide [2C]	0.11	0.0063	mg/Kg dry	0.126	ND	84.4	30-150	17.3	30	

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171581 - SW-846 3546

Matrix Spike Dup (B171581-MSD1)

Source: 17B0911-08RE1

Prepared: 03/01/17 Analyzed: 03/02/17

Hexachlorobenzene	0.094	0.0076	mg/Kg dry	0.126	ND	75.0	30-150	13.5	30	
Hexachlorobenzene [2C]	0.084	0.0076	mg/Kg dry	0.126	ND	66.9	30-150	14.9	30	
Methoxychlor	0.10	0.063	mg/Kg dry	0.126	ND	80.4	30-150	9.88	30	
Methoxychlor [2C]	0.095	0.063	mg/Kg dry	0.126	ND	75.4	30-150	7.37	30	
Surrogate: Decachlorobiphenyl	0.224		mg/Kg dry	0.252		88.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.222		mg/Kg dry	0.252		88.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.200		mg/Kg dry	0.252		79.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.176		mg/Kg dry	0.252		69.8	30-150			



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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171189 - SW-846 3546

Blank (B171189-BLK1)

Prepared: 02/24/17 Analyzed: 02/28/17

Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.155		mg/Kg wet	0.200		77.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.173		mg/Kg wet	0.200		86.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.156		mg/Kg wet	0.200		77.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.167		mg/Kg wet	0.200		83.3	30-150			

LCS (B171189-BS1)

Prepared: 02/24/17 Analyzed: 02/28/17

Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		83.1	40-140			
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		87.7	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		81.8	40-140			
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		87.9	40-140			
Surrogate: Decachlorobiphenyl	0.191		mg/Kg wet	0.200		95.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.211		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	0.180		mg/Kg wet	0.200		89.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.203		mg/Kg wet	0.200		101	30-150			

LCS Dup (B171189-BSD1)

Prepared: 02/24/17 Analyzed: 02/28/17

Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		88.6	40-140	6.42	30	
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		94.6	40-140	7.57	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		85.2	40-140	4.03	30	
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		94.8	40-140	7.52	30	
Surrogate: Decachlorobiphenyl	0.190		mg/Kg wet	0.200		95.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.222		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene	0.189		mg/Kg wet	0.200		94.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.216		mg/Kg wet	0.200		108	30-150			



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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171189 - SW-846 3546

Matrix Spike (B171189-MS1)

Source: 17B0911-08

Prepared: 02/24/17 Analyzed: 02/28/17

Aroclor-1016	0.29	0.13	mg/Kg dry	0.252	ND	117	40-140			R-06
Aroclor-1016 [2C]	0.34	0.13	mg/Kg dry	0.252	ND	133	40-140			R-06
Aroclor-1260	0.27	0.13	mg/Kg dry	0.252	ND	106	40-140			
Aroclor-1260 [2C]	0.30	0.13	mg/Kg dry	0.252	ND	117	40-140			
Surrogate: Decachlorobiphenyl	0.169		mg/Kg dry	0.252		67.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.195		mg/Kg dry	0.252		77.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.181		mg/Kg dry	0.252		71.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.178		mg/Kg dry	0.252		70.5	30-150			

Matrix Spike Dup (B171189-MSD1)

Source: 17B0911-08

Prepared: 02/24/17 Analyzed: 02/28/17

Aroclor-1016	0.20	0.13	mg/Kg dry	0.252	ND	79.7	40-140	37.9	*	30	R-06
Aroclor-1016 [2C]	0.23	0.13	mg/Kg dry	0.252	ND	90.5	40-140	38.3	*	30	R-06
Aroclor-1260	0.27	0.13	mg/Kg dry	0.252	ND	108	40-140	1.84		30	
Aroclor-1260 [2C]	0.30	0.13	mg/Kg dry	0.252	ND	121	40-140	2.69		30	
Surrogate: Decachlorobiphenyl	0.140		mg/Kg dry	0.252		55.5	30-150				
Surrogate: Decachlorobiphenyl [2C]	0.162		mg/Kg dry	0.252		64.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.145		mg/Kg dry	0.252		57.6	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	0.146		mg/Kg dry	0.252		58.1	30-150				

Batch B171280 - SW-846 3510C

Blank (B171280-BLK1)

Prepared: 02/24/17 Analyzed: 02/26/17

Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	1.33		µg/L	2.00		66.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.37		µg/L	2.00		68.6	30-150			
Surrogate: Tetrachloro-m-xylene	1.81		µg/L	2.00		90.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.91		µg/L	2.00		95.7	30-150			

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171280 - SW-846 3510C

LCS (B171280-BS1)

Prepared: 02/24/17 Analyzed: 02/26/17

Aroclor-1016	0.44	0.20	µg/L	0.500		87.9	40-140			
Aroclor-1016 [2C]	0.42	0.20	µg/L	0.500		84.1	40-140			
Aroclor-1260	0.41	0.20	µg/L	0.500		82.6	40-140			
Aroclor-1260 [2C]	0.40	0.20	µg/L	0.500		80.0	40-140			
Surrogate: Decachlorobiphenyl	1.48		µg/L	2.00		73.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.54		µg/L	2.00		76.9	30-150			
Surrogate: Tetrachloro-m-xylene	1.59		µg/L	2.00		79.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.68		µg/L	2.00		84.0	30-150			

LCS Dup (B171280-BSD1)

Prepared: 02/24/17 Analyzed: 02/26/17

Aroclor-1016	0.44	0.20	µg/L	0.500		88.0	40-140	0.0705	20	
Aroclor-1016 [2C]	0.41	0.20	µg/L	0.500		82.5	40-140	1.93	20	
Aroclor-1260	0.39	0.20	µg/L	0.500		78.0	40-140	5.81	20	
Aroclor-1260 [2C]	0.39	0.20	µg/L	0.500		77.1	40-140	3.68	20	
Surrogate: Decachlorobiphenyl	1.51		µg/L	2.00		75.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.59		µg/L	2.00		79.7	30-150			
Surrogate: Tetrachloro-m-xylene	1.37		µg/L	2.00		68.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.47		µg/L	2.00		73.7	30-150			



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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171192 - SW-846 3005A

Blank (B171192-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	ND	0.050	mg/L							
Antimony	ND	0.050	mg/L							
Arsenic	ND	0.010	mg/L							
Barium	ND	0.050	mg/L							
Beryllium	ND	0.0040	mg/L							
Cadmium	ND	0.0040	mg/L							
Calcium	ND	0.15	mg/L							
Chromium	ND	0.010	mg/L							
Cobalt	ND	0.050	mg/L							
Copper	ND	0.010	mg/L							
Iron	ND	0.050	mg/L							
Lead	ND	0.010	mg/L							
Magnesium	ND	0.15	mg/L							
Manganese	ND	0.010	mg/L							
Nickel	ND	0.010	mg/L							
Potassium	ND	2.0	mg/L							
Selenium	ND	0.050	mg/L							
Silver	ND	0.0050	mg/L							
Sodium	ND	2.0	mg/L							
Thallium	ND	0.050	mg/L							
Vanadium	ND	0.010	mg/L							
Zinc	ND	0.020	mg/L							

LCS (B171192-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Silver	0.484	0.0050	mg/L	0.500		96.8	80-120			
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LCS (B171192-BS2)

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	2.07	0.050	mg/L	2.00		103	80-120			
Antimony	2.08	0.050	mg/L	2.00		104	80-120			
Arsenic	2.12	0.010	mg/L	2.00		106	80-120			
Barium	2.12	0.050	mg/L	2.00		106	80-120			
Beryllium	2.22	0.0040	mg/L	2.00		111	80-120			
Cadmium	2.17	0.0040	mg/L	2.00		108	80-120			
Calcium	2.13	0.15	mg/L	2.00		107	80-120			
Chromium	2.10	0.010	mg/L	2.00		105	80-120			
Cobalt	2.11	0.050	mg/L	2.00		105	80-120			
Copper	2.05	0.010	mg/L	2.00		103	80-120			
Iron	2.24	0.050	mg/L	2.00		112	80-120			
Lead	2.13	0.010	mg/L	2.00		107	80-120			
Magnesium	2.05	0.15	mg/L	2.00		103	80-120			
Manganese	2.19	0.010	mg/L	2.00		110	80-120			
Nickel	2.14	0.010	mg/L	2.00		107	80-120			
Potassium	19.6	2.0	mg/L	20.0		98.0	80-120			
Selenium	2.15	0.050	mg/L	2.00		108	80-120			
Sodium	2.07	2.0	mg/L	2.00		103	80-120			
Thallium	2.02	0.050	mg/L	2.00		101	80-120			
Vanadium	2.04	0.010	mg/L	2.00		102	80-120			
Zinc	2.24	0.020	mg/L	2.00		112	80-120			



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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171192 - SW-846 3005A

LCS Dup (B171192-BSD1)

Prepared: 02/24/17 Analyzed: 02/27/17

Silver	0.471	0.0050	mg/L	0.500		94.1	80-120	2.79	20	
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LCS Dup (B171192-BSD2)

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	2.08	0.050	mg/L	2.00		104	80-120	0.819	20	
Antimony	2.11	0.050	mg/L	2.00		105	80-120	1.37	20	
Arsenic	2.15	0.010	mg/L	2.00		108	80-120	1.37	20	
Barium	2.12	0.050	mg/L	2.00		106	80-120	0.273	20	
Beryllium	2.22	0.0040	mg/L	2.00		111	80-120	0.00487	20	
Cadmium	2.17	0.0040	mg/L	2.00		109	80-120	0.154	20	
Calcium	2.14	0.15	mg/L	2.00		107	80-120	0.360	20	
Chromium	2.11	0.010	mg/L	2.00		106	80-120	0.656	20	
Cobalt	2.14	0.050	mg/L	2.00		107	80-120	1.25	20	
Copper	2.04	0.010	mg/L	2.00		102	80-120	0.558	20	
Iron	2.24	0.050	mg/L	2.00		112	80-120	0.123	20	
Lead	2.16	0.010	mg/L	2.00		108	80-120	1.46	20	
Magnesium	2.05	0.15	mg/L	2.00		103	80-120	0.00751	20	
Manganese	2.19	0.010	mg/L	2.00		110	80-120	0.0169	20	
Nickel	2.16	0.010	mg/L	2.00		108	80-120	0.947	20	
Potassium	19.7	2.0	mg/L	20.0		98.7	80-120	0.752	20	
Selenium	2.17	0.050	mg/L	2.00		109	80-120	0.895	20	
Sodium	2.06	2.0	mg/L	2.00		103	80-120	0.341	20	
Thallium	2.04	0.050	mg/L	2.00		102	80-120	0.597	20	
Vanadium	2.04	0.010	mg/L	2.00		102	80-120	0.0504	20	
Zinc	2.27	0.020	mg/L	2.00		114	80-120	1.37	20	

Batch B171208 - SW-846 3051

Blank (B171208-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	ND	2.5	mg/Kg wet							
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Calcium	ND	7.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Cobalt	ND	2.5	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Iron	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Magnesium	ND	7.5	mg/Kg wet							
Manganese	ND	0.50	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Potassium	ND	100	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Sodium	ND	100	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							



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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171208 - SW-846 3051

LCS (B171208-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	5340	4.9	mg/Kg wet	8080		66.0	51.2-148.1			
Antimony	157	4.9	mg/Kg wet	88.2		178	0-210.3			
Arsenic	63.6	4.9	mg/Kg wet	57.0		112	77.8-122.1			
Barium	106	4.9	mg/Kg wet	110		96.6	82-117.4			
Beryllium	76.3	0.49	mg/Kg wet	67.5		113	82.3-117.7			
Cadmium	80.6	0.49	mg/Kg wet	77.8		104	81.9-118.2			
Calcium	6250	15	mg/Kg wet	6450		96.9	81.9-118.2			
Chromium	64.8	0.97	mg/Kg wet	65.0		99.7	78.7-120.6			
Cobalt	60.9	4.9	mg/Kg wet	58.8		104	83-116.7			
Copper	60.3	0.97	mg/Kg wet	56.4		107	80.4-119.6			
Iron	12300	4.9	mg/Kg wet	14700		83.5	46.8-153			
Lead	89.3	1.5	mg/Kg wet	85.6		104	82.4-117.8			
Magnesium	2230	15	mg/Kg wet	2710		82.4	75.5-124.2			
Manganese	289	0.97	mg/Kg wet	273		106	80.8-119.2			
Nickel	63.4	0.97	mg/Kg wet	61.3		103	82.2-117.8			
Potassium	2200	190	mg/Kg wet	2420		90.8	69.9-130.1			
Selenium	85.5	9.7	mg/Kg wet	78.9		108	77.1-122.3			
Silver	55.8	0.97	mg/Kg wet	54.2		103	74.3-125.4			
Sodium	784	190	mg/Kg wet	914		85.8	69.9-130.5			
Thallium	187	4.9	mg/Kg wet	178		105	78.2-121.6			
Vanadium	52.4	1.9	mg/Kg wet	56.3		93.0	64.8-135.2			
Zinc	215	1.9	mg/Kg wet	198		109	79.7-120.8			

LCS Dup (B171208-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	4980	4.9	mg/Kg wet	8080		61.7	51.2-148.1	6.88	30	
Antimony	168	4.9	mg/Kg wet	88.2		190	0-210.3	6.46	30	
Arsenic	65.1	4.9	mg/Kg wet	57.0		114	77.8-122.1	2.21	30	
Barium	100	4.9	mg/Kg wet	110		91.0	82-117.4	5.92	30	
Beryllium	78.4	0.49	mg/Kg wet	67.5		116	82.3-117.7	2.68	30	
Cadmium	81.0	0.49	mg/Kg wet	77.8		104	81.9-118.2	0.584	30	
Calcium	6200	15	mg/Kg wet	6450		96.1	81.9-118.2	0.848	30	
Chromium	63.8	0.98	mg/Kg wet	65.0		98.2	78.7-120.6	1.51	30	
Cobalt	61.2	4.9	mg/Kg wet	58.8		104	83-116.7	0.411	30	
Copper	60.5	0.98	mg/Kg wet	56.4		107	80.4-119.6	0.303	30	
Iron	11700	4.9	mg/Kg wet	14700		79.6	46.8-153	4.81	30	
Lead	86.4	1.5	mg/Kg wet	85.6		101	82.4-117.8	3.32	30	
Magnesium	2130	15	mg/Kg wet	2710		78.5	75.5-124.2	4.80	30	
Manganese	258	0.98	mg/Kg wet	273		94.4	80.8-119.2	11.6	30	
Nickel	63.9	0.98	mg/Kg wet	61.3		104	82.2-117.8	0.794	30	
Potassium	2070	200	mg/Kg wet	2420		85.5	69.9-130.1	5.93	30	
Selenium	88.0	9.8	mg/Kg wet	78.9		112	77.1-122.3	2.89	30	
Silver	56.4	0.98	mg/Kg wet	54.2		104	74.3-125.4	1.05	30	
Sodium	792	200	mg/Kg wet	914		86.6	69.9-130.5	0.989	30	
Thallium	188	4.9	mg/Kg wet	178		106	78.2-121.6	0.740	30	
Vanadium	51.4	2.0	mg/Kg wet	56.3		91.3	64.8-135.2	1.84	30	
Zinc	215	2.0	mg/Kg wet	198		108	79.7-120.8	0.241	30	



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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171208 - SW-846 3051

Duplicate (B171208-DUP1)

Source: 17B0911-08

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	6690	3.1	mg/Kg dry		8170			19.9	35	
Arsenic	17.7	3.1	mg/Kg dry		14.8			17.6	35	
Barium	128	3.1	mg/Kg dry		118			8.20	35	
Beryllium	1.06	0.31	mg/Kg dry		0.838			23.2	35	
Cadmium	1.01	0.31	mg/Kg dry		0.829			19.5	35	
Calcium	53000	9.4	mg/Kg dry		39600			29.0	35	
Chromium	293	0.63	mg/Kg dry		213			31.6	35	
Cobalt	4.63	3.1	mg/Kg dry		4.72			1.95	35	
Copper	71.0	0.63	mg/Kg dry		52.8			29.4	35	
Iron	47400	16	mg/Kg dry		42600			10.6	35	
Lead	163	0.94	mg/Kg dry		175			7.09	35	
Magnesium	9340	9.4	mg/Kg dry		7790			18.0	35	
Manganese	6860	0.63	mg/Kg dry		6120			11.4	35	
Nickel	18.0	0.63	mg/Kg dry		16.4			9.22	35	
Potassium	834	130	mg/Kg dry		1030			21.3	35	
Selenium	2.70	6.3	mg/Kg dry		ND			NC	35	J
Silver	ND	0.63	mg/Kg dry		ND			NC	35	
Thallium	10.5	3.1	mg/Kg dry		ND			NC	35	
Vanadium	144	1.3	mg/Kg dry		105			30.9	35	
Zinc	182	1.3	mg/Kg dry		139			27.1	35	

MRL Check (B171208-MRL1)

Prepared & Analyzed: 02/24/17

Lead	0.728	0.74	mg/Kg wet	0.741		98.2	80-120			
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Matrix Spike (B171208-MS1)

Source: 17B0911-08

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	5490	3.2	mg/Kg dry	126	8170	-2130	*	75-125		MS-19
Arsenic	161	3.2	mg/Kg dry	126	14.8	116		75-125		
Barium	317	3.2	mg/Kg dry	126	118	158	*	75-125		MS-22
Beryllium	149	0.32	mg/Kg dry	126	0.838	118		75-125		
Cadmium	138	0.32	mg/Kg dry	126	0.829	109		75-125		
Calcium	43700	9.5	mg/Kg dry	126	39600	3280	*	75-125		MS-19
Cobalt	135	3.2	mg/Kg dry	126	4.72	103		75-125		
Copper	202	0.63	mg/Kg dry	126	52.8	118		75-125		
Iron	40300	16	mg/Kg dry	126	42600	-1810	*	75-125		MS-19
Lead	303	0.95	mg/Kg dry	126	175	102		75-125		MS-22
Magnesium	8090	9.5	mg/Kg dry	126	7790	238	*	75-125		MS-19
Manganese	7160	0.63	mg/Kg dry	126	6120	822	*	75-125		MS-19
Nickel	169	0.63	mg/Kg dry	126	16.4	121		75-125		
Potassium	2350	130	mg/Kg dry	1260	1030	105		75-125		
Selenium	146	6.3	mg/Kg dry	126	ND	116		75-125		
Silver	133	0.63	mg/Kg dry	126	ND	105		75-125		
Thallium	130	3.2	mg/Kg dry	126	ND	103		75-125		
Vanadium	285	1.3	mg/Kg dry	126	105	143	*	75-125		MS-22



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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171208 - SW-846 3051

Matrix Spike Dup (B171208-MSD1)

Source: 17B0911-08

Prepared: 02/24/17 Analyzed: 02/27/17

Aluminum	7780	3.1	mg/Kg dry	125	8170	-308 *	75-125	34.6	35	MS-19
Arsenic	158	3.1	mg/Kg dry	125	14.8	115	75-125	1.57	35	
Barium	255	3.1	mg/Kg dry	125	118	109	75-125	21.9	35	MS-22
Beryllium	139	0.31	mg/Kg dry	125	0.838	111	75-125	6.91	35	
Cadmium	129	0.31	mg/Kg dry	125	0.829	102	75-125	7.11	35	
Calcium	58100	9.4	mg/Kg dry	125	39600	14800 *	75-125	28.3	35	MS-19
Cobalt	126	3.1	mg/Kg dry	125	4.72	96.9	75-125	7.05	35	
Copper	192	0.63	mg/Kg dry	125	52.8	111	75-125	4.92	35	
Iron	42500	16	mg/Kg dry	125	42600	-75.8 *	75-125	5.27	35	MS-19
Lead	261	0.94	mg/Kg dry	125	175	69.0 *	75-125	15.0	35	MS-22
Magnesium	11400	9.4	mg/Kg dry	125	7790	2920 *	75-125	34.3	35	MS-19
Manganese	5220	0.63	mg/Kg dry	125	6120	-723 *	75-125	31.4	35	MS-19
Nickel	142	0.63	mg/Kg dry	125	16.4	100	75-125	17.4	35	
Potassium	2560	130	mg/Kg dry	1250	1030	122	75-125	8.43	35	
Selenium	139	6.3	mg/Kg dry	125	ND	111	75-125	5.13	35	
Silver	125	0.63	mg/Kg dry	125	ND	99.8	75-125	6.07	35	
Thallium	124	3.1	mg/Kg dry	125	ND	98.9	75-125	5.23	35	
Vanadium	220	1.3	mg/Kg dry	125	105	92.0	75-125	25.7	35	MS-22

Batch B171217 - SW-846 7471

Blank (B171217-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	ND	0.025	mg/Kg wet							
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LCS (B171217-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	9.15	1.9	mg/Kg wet	9.36		97.8	73.7-126.3			
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LCS Dup (B171217-BSD1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	9.60	1.9	mg/Kg wet	9.36		103	73.7-126.3	4.75	30	
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Duplicate (B171217-DUP1)

Source: 17B0911-08

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	0.0816	0.032	mg/Kg dry		0.0848			3.93	35	
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Batch B171271 - SW-846 7470A Prep

Blank (B171271-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	ND	0.00010	mg/L							
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LCS (B171271-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	0.00198	0.00010	mg/L	0.00200		99.2	80-120			
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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171271 - SW-846 7470A Prep										
LCS Dup (B171271-BSD1)					Prepared: 02/24/17 Analyzed: 02/27/17					
Mercury	0.00213	0.00010	mg/L	0.00200		107	80-120	7.15	20	
Batch B171377 - SW-846 7471										
Blank (B171377-BLK1)					Prepared & Analyzed: 02/28/17					
Mercury	ND	0.025	mg/Kg wet							
LCS (B171377-BS1)					Prepared & Analyzed: 02/28/17					
Mercury	9.96	1.9	mg/Kg wet	9.36		106	73.7-126.3			
LCS Dup (B171377-BSD1)					Prepared & Analyzed: 02/28/17					
Mercury	7.38	1.9	mg/Kg wet	9.36		78.9	73.7-126.3	29.7	30	
Duplicate (B171377-DUP1)					Source: 17B0911-08RE1		Prepared & Analyzed: 02/28/17			
Mercury	0.135	0.031	mg/Kg dry		0.0606			76.1 *	35	R-02
Matrix Spike (B171377-MS1)					Source: 17B0911-08RE1		Prepared & Analyzed: 02/28/17			
Mercury	0.230	0.031	mg/Kg dry	0.205	0.0606	82.6	75-125			
Matrix Spike Dup (B171377-MSD1)					Source: 17B0911-08RE1		Prepared & Analyzed: 02/28/17			
Mercury	0.244	0.031	mg/Kg dry	0.205	0.0606	89.4	75-125	5.68	35	
Batch B171459 - SW-846 3051										
Blank (B171459-BLK1)					Prepared: 02/28/17 Analyzed: 03/01/17					
Antimony	ND	2.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Sodium	ND	100	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B171459-BS1)					Prepared: 02/28/17 Analyzed: 03/01/17					
Antimony	150	5.1	mg/Kg wet	88.2		171	0-210.3			
Chromium	63.9	1.0	mg/Kg wet	65.0		98.3	78.7-120.6			
Sodium	821	200	mg/Kg wet	914		89.9	69.9-130.5			
Zinc	200	2.0	mg/Kg wet	198		101	79.7-120.8			
LCS Dup (B171459-BSD1)					Prepared: 02/28/17 Analyzed: 03/01/17					
Antimony	156	5.1	mg/Kg wet	88.2		177	0-210.3	3.45	30	
Chromium	64.4	1.0	mg/Kg wet	65.0		99.0	78.7-120.6	0.716	30	
Sodium	838	200	mg/Kg wet	914		91.7	69.9-130.5	2.03	30	
Zinc	202	2.0	mg/Kg wet	198		102	79.7-120.8	1.08	30	

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171459 - SW-846 3051										
Duplicate (B171459-DUP1)										
		Source: 17B0911-08RE1			Prepared: 02/28/17 Analyzed: 03/01/17					
Antimony	10.2	3.1	mg/Kg dry		ND			NC	35	R-04
Chromium	339	0.62	mg/Kg dry		170			66.5 *	35	R-02
Sodium	172	120	mg/Kg dry		189			9.29	35	
Zinc	165	1.2	mg/Kg dry		119			31.8	35	
Matrix Spike (B171459-MS1)										
		Source: 17B0911-08RE1			Prepared: 02/28/17 Analyzed: 03/01/17					
Antimony	119	3.1	mg/Kg dry	125	2.98	92.6	75-125			
Chromium	236	0.63	mg/Kg dry	125	170	52.8 *	75-125			MS-07
Sodium	298	130	mg/Kg dry	125	189	87.1	75-125			MS-22
Zinc	255	1.3	mg/Kg dry	125	119	108	75-125			MS-22
Matrix Spike Dup (B171459-MSD1)										
		Source: 17B0911-08RE1			Prepared: 02/28/17 Analyzed: 03/01/17					
Antimony	119	3.1	mg/Kg dry	122	2.98	95.2	75-125	0.365	35	
Chromium	389	0.61	mg/Kg dry	122	170	179 *	75-125	48.9 *	35	MS-11, R-06
Sodium	351	120	mg/Kg dry	122	189	133 *	75-125	16.5	35	MS-22
Zinc	303	1.2	mg/Kg dry	122	119	150 *	75-125	17.3	35	MS-22



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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B171174 - % Solids										
Duplicate (B171174-DUP1)		Source: 17B0911-04			Prepared & Analyzed: 02/23/17					
% Solids	79.1		% Wt		80.1			1.26	20	
Batch B171182 - % Solids										
Duplicate (B171182-DUP1)		Source: 17B0911-06			Prepared: 02/23/17 Analyzed: 02/24/17					
% Solids	72.6		% Wt		77.5			6.53	20	
Duplicate (B171182-DUP2)		Source: 17B0911-08			Prepared: 02/23/17 Analyzed: 02/24/17					
% Solids	80.7		% Wt		79.4			1.62	20	
Batch B171477 - SW-846 9014										
Blank (B171477-BLK1)					Prepared & Analyzed: 02/28/17					
Cyanide	ND	0.010	mg/L							
LCS (B171477-BS1)					Prepared & Analyzed: 02/28/17					
Cyanide	0.68	0.010	mg/L	0.616		110	80-120			
LCS Dup (B171477-BSD1)					Prepared & Analyzed: 02/28/17					
Cyanide	0.67	0.010	mg/L	0.616		109	80-120	1.04	20	
Duplicate (B171477-DUP1)		Source: 17B0911-01			Prepared & Analyzed: 02/28/17					
Cyanide	ND	0.010	mg/L		ND			NC	20	
Matrix Spike (B171477-MS1)		Source: 17B0911-01			Prepared & Analyzed: 02/28/17					
Cyanide	0.36	0.010	mg/L	0.356	ND	101	75-125			
Batch B171510 - SW-846 9014										
Blank (B171510-BLK1)					Prepared: 02/27/17 Analyzed: 02/28/17					
Cyanide	ND	0.49	mg/Kg wet							
LCS (B171510-BS1)					Prepared: 02/27/17 Analyzed: 02/28/17					
Cyanide	56	2.5	mg/Kg wet	64.9		85.9	80-120			
LCS Dup (B171510-BSD1)					Prepared: 02/27/17 Analyzed: 02/28/17					
Cyanide	58	2.5	mg/Kg wet	64.8		89.1	80-120	3.49	20	
Matrix Spike (B171510-MS1)		Source: 17B0911-08			Prepared: 02/27/17 Analyzed: 02/28/17					
Cyanide	22	0.63	mg/Kg dry	22.3	0.77	96.1	75-125			



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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171510 - SW-846 9014

Matrix Spike Dup (B171510-MSD1)

Source: 17B0911-08

Prepared: 02/27/17 Analyzed: 02/28/17

Cyanide	22	0.62	mg/Kg dry	22.2	0.77	97.2	75-125	0.656	35	
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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171285 - SW-846 3010A

Blank (B171285-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Arsenic	ND	0.010	mg/L							
Barium	ND	0.050	mg/L							
Cadmium	ND	0.0040	mg/L							
Chromium	ND	0.010	mg/L							
Lead	ND	0.010	mg/L							
Selenium	ND	0.050	mg/L							
Silver	ND	0.0050	mg/L							

LCS (B171285-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Arsenic	0.549	0.010	mg/L	0.500		110	80-120			
Barium	0.492	0.050	mg/L	0.500		98.5	80-120			
Cadmium	0.494	0.0040	mg/L	0.500		98.8	80-120			
Chromium	0.495	0.010	mg/L	0.500		99.0	80-120			
Lead	0.469	0.010	mg/L	0.500		93.9	80-120			
Selenium	0.558	0.050	mg/L	0.500		112	80-120			
Silver	0.499	0.0050	mg/L	0.500		99.8	80-120			

LCS Dup (B171285-BSD1)

Prepared: 02/24/17 Analyzed: 02/27/17

Arsenic	0.552	0.010	mg/L	0.500		110	80-120	0.663	20	
Barium	0.515	0.050	mg/L	0.500		103	80-120	4.44	20	
Cadmium	0.517	0.0040	mg/L	0.500		103	80-120	4.48	20	
Chromium	0.519	0.010	mg/L	0.500		104	80-120	4.80	20	
Lead	0.479	0.010	mg/L	0.500		95.8	80-120	2.03	20	
Selenium	0.550	0.050	mg/L	0.500		110	80-120	1.43	20	
Silver	0.511	0.0050	mg/L	0.500		102	80-120	2.42	20	

Matrix Spike (B171285-MS1)

Source: 17B0911-04

Prepared: 02/24/17 Analyzed: 02/27/17

Arsenic	0.568	0.010	mg/L	0.500	0.0107	111	75-125			
Barium	0.826	0.050	mg/L	0.500	0.336	98.0	75-125			
Cadmium	0.513	0.0040	mg/L	0.500	0.00515	102	75-125			
Chromium	0.502	0.010	mg/L	0.500	ND	100	75-125			
Lead	0.931	0.010	mg/L	0.500	0.468	92.6	75-125			
Selenium	0.516	0.050	mg/L	0.500	ND	103	75-125			
Silver	0.394	0.0050	mg/L	0.500	0.00388	78.1	75-125			

Batch B171289 - SW-846 7470A Prep

Blank (B171289-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	ND	0.00010	mg/L							
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LCS (B171289-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	0.00216	0.00010	mg/L	0.00200		108	80-120			
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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171289 - SW-846 7470A Prep

LCS Dup (B171289-BSD1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	0.00217	0.00010	mg/L	0.00200		109	80-120	0.516	20	
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Matrix Spike (B171289-MS1)

Source: 17B0911-04

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	0.00220	0.00010	mg/L	0.00200	0.000172	101	75-125			
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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171286 - SW-846 3010A

Blank (B171286-BLK1)

Prepared: 02/24/17 Analyzed: 02/28/17

Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Lead	ND	5.0	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							

LCS (B171286-BS1)

Prepared: 02/24/17 Analyzed: 02/28/17

Arsenic	267	2.0	µg/L	250		107	80-120			
Barium	268	50	µg/L	250		107	80-120			
Cadmium	263	2.5	µg/L	250		105	80-120			
Chromium	263	5.0	µg/L	250		105	80-120			
Lead	271	5.0	µg/L	250		108	80-120			
Selenium	264	25	µg/L	250		106	80-120			
Silver	250	2.5	µg/L	250		100	80-120			

LCS Dup (B171286-BSD1)

Prepared: 02/24/17 Analyzed: 02/28/17

Arsenic	271	2.0	µg/L	250		108	80-120	1.45	20	
Barium	270	50	µg/L	250		108	80-120	0.780	20	
Cadmium	268	2.5	µg/L	250		107	80-120	1.75	20	
Chromium	264	5.0	µg/L	250		106	80-120	0.591	20	
Lead	271	5.0	µg/L	250		109	80-120	0.160	20	
Selenium	268	25	µg/L	250		107	80-120	1.34	20	
Silver	252	2.5	µg/L	250		101	80-120	0.906	20	

Matrix Spike (B171286-MS1)

Source: 17B0911-04

Prepared: 02/24/17 Analyzed: 02/28/17

Arsenic	272	2.0	µg/L	250	ND	109	75-125			
Barium	489	50	µg/L	250	224	106	75-125			
Cadmium	261	2.5	µg/L	250	ND	104	75-125			
Chromium	263	5.0	µg/L	250	3.87	104	75-125			
Lead	320	5.0	µg/L	250	52.1	107	75-125			
Selenium	266	25	µg/L	250	ND	106	75-125			
Silver	230	2.5	µg/L	250	ND	92.0	75-125			

Batch B171288 - SW-846 7470A Prep

Blank (B171288-BLK1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	ND	0.00010	mg/L							
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LCS (B171288-BS1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	0.00222	0.00010	mg/L	0.00200		111	80-120			
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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B171288 - SW-846 7470A Prep

LCS Dup (B171288-BSD1)

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	0.00211	0.00010	mg/L	0.00200		105	80-120	5.04	20	
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Matrix Spike (B171288-MS1)

Source: 17B0911-04

Prepared: 02/24/17 Analyzed: 02/27/17

Mercury	0.00228	0.00010	mg/L	0.00200	0.000275	100	75-125			
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BREAKDOWN REPORT

Lab Sample ID: S013429-PEM1 Analyzed: 02/28/2017

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.64
Endrin [1]	2.12

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.86
Endrin [2]	2.55

BREAKDOWN REPORT

Lab Sample ID: S013438-PEM1 Analyzed: 02/28/2017

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.60
Endrin [1]	3.41

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.78
Endrin [2]	2.87

BREAKDOWN REPORT

Lab Sample ID: S013438-PEM2 Analyzed: 03/01/2017

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.62
Endrin [1]	2.80

BREAKDOWN REPORT

Lab Sample ID: S013438-PEM2 Analyzed: 03/01/2017

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	0.91
Endrin [2]	2.49

BREAKDOWN REPORT

Lab Sample ID: S013438-PEM3 Analyzed: 03/01/2017

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.74
Endrin [1]	3.60

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	1.00
Endrin [2]	3.13

BREAKDOWN REPORT

Lab Sample ID: S013438-PEM4 Analyzed: 03/01/2017

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.65
Endrin [1]	2.14

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	1.02
Endrin [2]	2.07

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LW-06-COMP1-0-4'

SW-846 8081B

Lab Sample ID: 17B0911-05RE1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDT	1	7.26	-0.03	0.03	0.0017	
	2	7.29	-0.03	0.03	0.0018	8.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LW-03-COMP1-4-8'

SW-846 8082A

Lab Sample ID: 17B0911-07 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: _____ (mm) GC Column (2): ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.33	
	2	0.00	0.00	0.00	0.50	41.5

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LW-03-COMP1-4-8'

SW-846 8081B

Lab Sample ID: 17B0911-07RE1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	6.61	-0.03	0.03	0.018	
	2	6.64	-0.03	0.03	0.019	6.5
4,4'-DDT	1	7.24	-0.03	0.03	0.095	
	2	7.29	-0.03	0.03	0.086	10.5
Chlordane	1	0.00	-0.03	0.03	0.056	
	2	0.00	-0.03	0.03	0.049	12.6
Dieldrin	1	6.83	-0.03	0.03	0.023	
	2	6.73	-0.03	0.03	0.048	70.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LW-03/MS/MSD-COMP-4-8'

SW-846 8082A

Lab Sample ID: 17B0911-08 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): _____ ID: _____ (mm) GC Column (2): _____ ID: _____ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.38	
	2	0.00	0.00	0.00	0.53	32.7

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LW-03/MS/MSD-COMP-4-8'

SW-846 8081B

Lab Sample ID: 17B0911-08RE1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDE	1	6.61	-0.03	0.03	0.0067	
	2	6.64	-0.03	0.03	0.0087	26.3
4,4'-DDT	1	7.25	-0.03	0.03	0.0099	
	2	7.29	-0.03	0.03	0.018	57.6
Chlordane	1	0.00	-0.03	0.03	0.033	
	2	0.00	-0.03	0.03	0.040	19.2
Dieldrin	1	6.83	-0.03	0.03	0.0062	
	2	6.73	-0.03	0.03	0.014	76.7

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8082A

Lab Sample ID: B171189-BS1 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.17	
	2	0.00	0.00	0.00	0.18	8
Aroclor-1260	1	0.00	0.00	0.00	0.16	
	2	0.00	0.00	0.00	0.18	9

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS Dup

SW-846 8082A

Lab Sample ID: B171189-BSD1 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.18	
	2	0.00	0.00	0.00	0.19	7
Aroclor-1260	1	0.00	0.00	0.00	0.17	
	2	0.00	0.00	0.00	0.19	11

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike

SW-846 8082A

Lab Sample ID: B171189-MS1 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.34	14
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.30	11

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike Dup

SW-846 8082A

Lab Sample ID: B171189-MSD1 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): _____ Instrument ID (2): _____

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.20	
	2	0.00	0.00	0.00	0.23	14
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.30	10

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B171190-BS1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Endrin Aldehyde	1	7.47	-0.03	0.03	0.089	
	2	7.37	-0.03	0.03	0.086	3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS Dup

SW-846 8081B

Lab Sample ID: B171190-BSD1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Endrin Aldehyde	1	7.47	-0.03	0.03	0.082	
	2	7.37	-0.03	0.03	0.077	6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike

SW-846 8081B

Lab Sample ID: B171190-MS1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Endrin Aldehyde	1	7.48	-0.03	0.03	0.054	
	2	7.37	-0.03	0.03	0.048	11

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8081B

Matrix Spike Dup

Lab Sample ID: B171190-MSD1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Endrin Aldehyde	1	7.47	-0.03	0.03	0.050	
	2	7.37	-0.03	0.03	0.053	5

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B171344-BS1 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.35	-0.03	0.03	0.94	
	2	7.41	-0.03	0.03	0.87	8
4,4'-DDE	1	6.90	-0.03	0.03	0.91	
	2	6.97	-0.03	0.03	0.86	5
4,4'-DDT	1	7.56	-0.03	0.03	0.94	
	2	7.65	-0.03	0.03	0.88	7
Alachlor	1	6.33	-0.03	0.03	0.98	
	2	6.13	-0.03	0.03	0.96	2
Aldrin	1	6.23	-0.03	0.03	0.84	
	2	6.20	-0.03	0.03	0.76	10
alpha-BHC	1	5.51	-0.03	0.03	0.85	
	2	5.47	-0.03	0.03	0.79	8
beta-BHC	1	5.77	-0.03	0.03	0.84	
	2	5.75	-0.03	0.03	0.79	6
delta-BHC	1	5.89	-0.03	0.03	0.88	
	2	5.94	-0.03	0.03	0.79	10
Dieldrin	1	7.13	-0.03	0.03	0.86	
	2	7.08	-0.03	0.03	0.81	6
Endosulfan I	1	6.95	-0.03	0.03	0.83	
	2	6.88	-0.03	0.03	0.83	0
Endosulfan II	1	7.47	-0.03	0.03	0.85	
	2	7.48	-0.03	0.03	0.85	0
Endosulfan Sulfate	1	8.12	-0.03	0.03	0.89	
	2	7.96	-0.03	0.03	0.86	3
Endrin	1	7.30	-0.03	0.03	0.86	
	2	7.31	-0.03	0.03	0.84	3
Endrin Aldehyde	1	7.80	-0.03	0.03	0.88	
	2	7.74	-0.03	0.03	0.88	0
Endrin Ketone	1	8.31	-0.03	0.03	0.91	
	2	8.33	-0.03	0.03	0.89	2
gamma-BHC (Lindane)	1	5.71	-0.03	0.03	0.91	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B171344-BS1 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	5.70	-0.03	0.03	0.80	13
Heptachlor	1	6.03	-0.03	0.03	0.82	
	2	5.98	-0.03	0.03	0.79	3
Heptachlor Epoxide	1	6.66	-0.03	0.03	0.85	
	2	6.60	-0.03	0.03	0.82	4
Hexachlorobenzene	1	5.40	-0.03	0.03	0.78	
	2	5.39	-0.03	0.03	0.72	7
Methoxychlor	1	7.94	-0.03	0.03	0.87	
	2	8.18	-0.03	0.03	0.87	0

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS Dup

SW-846 8081B

Lab Sample ID: B171344-BSD1 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.35	-0.03	0.03	0.99	
	2	7.41	-0.03	0.03	0.92	8
4,4'-DDE	1	6.90	-0.03	0.03	0.94	
	2	6.97	-0.03	0.03	0.89	6
4,4'-DDT	1	7.56	-0.03	0.03	0.99	
	2	7.65	-0.03	0.03	0.92	7
Alachlor	1	6.33	-0.03	0.03	1.0	
	2	6.13	-0.03	0.03	1.0	3
Aldrin	1	6.23	-0.03	0.03	0.84	
	2	6.20	-0.03	0.03	0.77	9
alpha-BHC	1	5.51	-0.03	0.03	0.90	
	2	5.48	-0.03	0.03	0.84	7
beta-BHC	1	5.77	-0.03	0.03	0.88	
	2	5.75	-0.03	0.03	0.84	5
delta-BHC	1	5.89	-0.03	0.03	0.92	
	2	5.94	-0.03	0.03	0.85	8
Dieldrin	1	7.13	-0.03	0.03	0.90	
	2	7.08	-0.03	0.03	0.84	7
Endosulfan I	1	6.95	-0.03	0.03	0.87	
	2	6.88	-0.03	0.03	0.87	0
Endosulfan II	1	7.47	-0.03	0.03	0.89	
	2	7.48	-0.03	0.03	0.89	0
Endosulfan Sulfate	1	8.12	-0.03	0.03	0.93	
	2	7.96	-0.03	0.03	0.90	3
Endrin	1	7.30	-0.03	0.03	0.91	
	2	7.31	-0.03	0.03	0.88	3
Endrin Aldehyde	1	7.80	-0.03	0.03	0.92	
	2	7.74	-0.03	0.03	0.92	0
Endrin Ketone	1	8.31	-0.03	0.03	0.95	
	2	8.33	-0.03	0.03	0.94	1
gamma-BHC (Lindane)	1	5.71	-0.03	0.03	0.96	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS Dup

SW-846 8081B

Lab Sample ID: B171344-BSD1 Date(s) Analyzed: 02/28/2017 02/28/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	5.70	-0.03	0.03	0.85	12
Heptachlor	1	6.03	-0.03	0.03	0.83	
	2	5.98	-0.03	0.03	0.81	3
Heptachlor Epoxide	1	6.66	-0.03	0.03	0.89	
	2	6.60	-0.03	0.03	0.86	4
Hexachlorobenzene	1	5.40	-0.03	0.03	0.80	
	2	5.39	-0.03	0.03	0.75	7
Methoxychlor	1	7.94	-0.03	0.03	0.91	
	2	8.18	-0.03	0.03	0.92	1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B171581-BS1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.05	-0.03	0.03	0.091	
	2	7.06	-0.03	0.03	0.090	2
4,4'-DDE	1	6.62	-0.03	0.03	0.089	
	2	6.63	-0.03	0.03	0.088	2
4,4'-DDT	1	7.26	-0.03	0.03	0.092	
	2	7.29	-0.03	0.03	0.088	5
Alachlor	1	6.07	-0.03	0.03	0.097	
	2	5.84	-0.03	0.03	0.096	1
Aldrin	1	5.97	-0.03	0.03	0.087	
	2	5.89	-0.03	0.03	0.085	3
alpha-BHC	1	5.30	-0.03	0.03	0.088	
	2	5.23	-0.03	0.03	0.083	6
alpha-Chlordane	1	6.56	-0.03	0.03	0.087	
	2	6.50	-0.03	0.03	0.088	1
beta-BHC	1	5.54	-0.03	0.03	0.085	
	2	5.49	-0.03	0.03	0.081	5
delta-BHC	1	5.65	-0.03	0.03	0.086	
	2	5.66	-0.03	0.03	0.080	7
Dieldrin	1	6.82	-0.03	0.03	0.084	
	2	6.73	-0.03	0.03	0.082	3
Endosulfan I	1	6.65	-0.03	0.03	0.087	
	2	6.54	-0.03	0.03	0.087	0
Endosulfan II	1	7.16	-0.03	0.03	0.087	
	2	7.11	-0.03	0.03	0.087	0
Endosulfan Sulfate	1	7.81	-0.03	0.03	0.089	
	2	7.59	-0.03	0.03	0.086	3
Endrin	1	6.99	-0.03	0.03	0.095	
	2	6.95	-0.03	0.03	0.095	0
Endrin Ketone	1	8.02	-0.03	0.03	0.091	
	2	7.99	-0.03	0.03	0.088	3
gamma-BHC (Lindane)	1	5.49	-0.03	0.03	0.090	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B171581-BS1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	5.43	-0.03	0.03	0.085	6
gamma-Chlordane	1	6.47	-0.03	0.03	0.085	
	2	6.40	-0.03	0.03	0.088	3
Heptachlor	1	5.78	-0.03	0.03	0.083	
	2	5.69	-0.03	0.03	0.087	5
Heptachlor Epoxide	1	6.38	-0.03	0.03	0.087	
	2	6.27	-0.03	0.03	0.085	3
Hexachlorobenzene	1	5.20	-0.03	0.03	0.089	
	2	5.14	-0.03	0.03	0.081	9
Methoxychlor	1	7.64	-0.03	0.03	0.092	
	2	7.85	-0.03	0.03	0.095	3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS Dup

SW-846 8081B

Lab Sample ID: B171581-BSD1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.05	-0.03	0.03	0.091	
	2	7.06	-0.03	0.03	0.090	2
4,4'-DDE	1	6.62	-0.03	0.03	0.089	
	2	6.63	-0.03	0.03	0.088	1
4,4'-DDT	1	7.26	-0.03	0.03	0.092	
	2	7.29	-0.03	0.03	0.087	6
Alachlor	1	6.07	-0.03	0.03	0.094	
	2	5.84	-0.03	0.03	0.093	1
Aldrin	1	5.97	-0.03	0.03	0.087	
	2	5.89	-0.03	0.03	0.084	3
alpha-BHC	1	5.30	-0.03	0.03	0.085	
	2	5.23	-0.03	0.03	0.081	5
alpha-Chlordane	1	6.56	-0.03	0.03	0.087	
	2	6.50	-0.03	0.03	0.087	0
beta-BHC	1	5.54	-0.03	0.03	0.082	
	2	5.49	-0.03	0.03	0.078	5
delta-BHC	1	5.65	-0.03	0.03	0.082	
	2	5.66	-0.03	0.03	0.078	5
Dieldrin	1	6.82	-0.03	0.03	0.084	
	2	6.73	-0.03	0.03	0.081	4
Endosulfan I	1	6.65	-0.03	0.03	0.087	
	2	6.54	-0.03	0.03	0.086	1
Endosulfan II	1	7.16	-0.03	0.03	0.086	
	2	7.11	-0.03	0.03	0.086	0
Endosulfan Sulfate	1	7.81	-0.03	0.03	0.086	
	2	7.59	-0.03	0.03	0.084	2
Endrin	1	6.99	-0.03	0.03	0.095	
	2	6.95	-0.03	0.03	0.094	1
Endrin Ketone	1	8.02	-0.03	0.03	0.088	
	2	7.99	-0.03	0.03	0.086	2
gamma-BHC (Lindane)	1	5.49	-0.03	0.03	0.087	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS Dup

SW-846 8081B

Lab Sample ID: B171581-BSD1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	5.43	-0.03	0.03	0.083	5
gamma-Chlordane	1	6.47	-0.03	0.03	0.086	
	2	6.40	-0.03	0.03	0.088	3
Heptachlor	1	5.78	-0.03	0.03	0.081	
	2	5.69	-0.03	0.03	0.086	6
Heptachlor Epoxide	1	6.38	-0.03	0.03	0.087	
	2	6.27	-0.03	0.03	0.084	4
Hexachlorobenzene	1	5.20	-0.03	0.03	0.088	
	2	5.14	-0.03	0.03	0.080	9
Methoxychlor	1	7.64	-0.03	0.03	0.092	
	2	7.85	-0.03	0.03	0.093	1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike

SW-846 8081B

Lab Sample ID: B171581-MS1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
4,4'-DDD	1	7.05	-0.03	0.03	0.11	
	2	7.06	-0.03	0.03	0.069	41
4,4'-DDE	1	6.62	-0.03	0.03	0.092	
	2	6.64	-0.03	0.03	0.086	6
4,4'-DDT	1	7.26	-0.03	0.03	0.097	
	2	7.29	-0.03	0.03	0.11	13
Alachlor	1	6.07	-0.03	0.03	0.10	
	2	5.84	-0.03	0.03	0.12	14
Aldrin	1	5.97	-0.03	0.03	0.082	
	2	5.89	-0.03	0.03	0.075	9
alpha-BHC	1	5.30	-0.03	0.03	0.079	
	2	5.23	-0.03	0.03	0.071	11
beta-BHC	1	5.54	-0.03	0.03	0.076	
	2	5.49	-0.03	0.03	0.070	8
delta-BHC	1	5.65	-0.03	0.03	0.071	
	2	5.66	-0.03	0.03	0.061	15
Dieldrin	1	6.83	-0.03	0.03	0.088	
	2	6.73	-0.03	0.03	0.096	8
Endosulfan I	1	6.66	-0.03	0.03	0.062	
	2	6.54	-0.03	0.03	0.057	9
Endosulfan II	1	7.16	-0.03	0.03	0.063	
	2	7.12	-0.03	0.03	0.075	18
Endosulfan Sulfate	1	7.81	-0.03	0.03	0.040	
	2	7.59	-0.03	0.03	0.044	9
Endrin	1	6.99	-0.03	0.03	0.096	
	2	6.95	-0.03	0.03	0.085	12
Endrin Ketone	1	8.02	-0.03	0.03	0.067	
	2	7.99	-0.03	0.03	0.062	8
gamma-BHC (Lindane)	1	5.49	-0.03	0.03	0.077	
	2	5.43	-0.03	0.03	0.071	8
Heptachlor	1	5.78	-0.03	0.03	0.082	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike

SW-846 8081B

Lab Sample ID: B171581-MS1 Date(s) Analyzed: 03/01/2017 03/01/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	5.69	-0.03	0.03	0.080	3
Heptachlor Epoxide	1	6.38	-0.03	0.03	0.085	
	2	6.27	-0.03	0.03	0.089	5
Hexachlorobenzene	1	5.20	-0.03	0.03	0.082	
	2	5.15	-0.03	0.03	0.073	12
Methoxychlor	1	7.64	-0.03	0.03	0.092	
	2	7.85	-0.03	0.03	0.088	4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8081B

Matrix Spike Dup

Lab Sample ID: B171581-MSD1 Date(s) Analyzed: 03/02/2017 03/02/2017

Instrument ID (1): ECD6 Instrument ID (2): ECD6

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
	2	5.69	-0.03	0.03	0.094	3
Heptachlor Epoxide	1	6.38	-0.03	0.03	0.097	
	2	6.27	-0.03	0.03	0.11	12
Hexachlorobenzene	1	5.20	-0.03	0.03	0.094	
	2	5.15	-0.03	0.03	0.084	12
Methoxychlor	1	7.64	-0.03	0.03	0.10	
	2	7.85	-0.03	0.03	0.095	6

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
E	Reported result is estimated. Value reported over verified calibration range.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
MS-08	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-11	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-23	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
P-01	Result was confirmed using a dissimilar column. Relative percent difference between the two results was >40%. In accordance with the method, the higher result was reported.
P-02	Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
PR-15	According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-04	Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
Z-01	Acetone is a common laboratory contaminant.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 6010C-D in Soil</i>	
Aluminum	CT,NH,NY,ME,VA,NC
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Calcium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Cobalt	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Iron	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Magnesium	CT,NH,NY,ME,VA,NC
Manganese	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Potassium	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Sodium	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
<i>SW-846 6010C-D in Water</i>	
Aluminum	CT,NH,NY,ME,VA,NC
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	NY,CT,NC,ME,NH,VA
Arsenic	CT,NH,NY,ME,VA,RI,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Calcium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Cobalt	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Iron	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Magnesium	CT,NH,NY,ME,VA,NC
Manganese	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Potassium	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Sodium	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C-D in Water	
Barium	NY,CT,ME,NC,NH,VA
Cadmium	NY,CT,ME,NC,NH,VA
Chromium	NY,CT,ME,NC,NH,VA
Lead	NY,CT,ME,NC,NH,VA
Selenium	CT,ME,NC,NH,NY,VA
Silver	CT,ME,NC,NH,NY,VA
SW-846 7470A in Water	
Mercury	CT,ME,NC,NH,NY,VA
Mercury	CT,NH,NY,NC,ME,VA
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8081B in Soil	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8081B in Water	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8082A in Water</i>	
Aroclor-1268 [2C]	NH,NY,NC,ME,VA
<i>SW-846 8260C in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Cyclohexane	NY
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
1,4-Dioxane	NY
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
p-Isopropyltoluene (p-Cymene)	NH, NY
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	NY, VA
Methyl Cyclohexane	NY
Methylene Chloride	CT, NH, NY, ME, VA
4-Methyl-2-pentanone (MIBK)	CT, NH, NY, VA
Naphthalene	NH, NY, ME, VA
n-Propylbenzene	NH, NY
Styrene	CT, NH, NY, ME, VA
1,1,1,2-Tetrachloroethane	CT, NH, NY, ME, VA
1,1,2,2-Tetrachloroethane	CT, NH, NY, ME, VA
Tetrachloroethylene	CT, NH, NY, ME, VA
Toluene	CT, NH, NY, ME, VA
1,2,3-Trichlorobenzene	NY, ME
1,2,4-Trichlorobenzene	NH, NY, ME, VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT, NH, NY, ME, VA
1,1,2-Trichloroethane	CT, NH, NY, ME, VA
Trichloroethylene	CT, NH, NY, ME, VA
Trichlorofluoromethane (Freon 11)	CT, NH, NY, ME, VA
1,2,3-Trichloropropane	NH, NY, ME, VA
1,2,4-Trimethylbenzene	CT, NH, NY, ME, VA
1,3,5-Trimethylbenzene	CT, NH, NY, ME, VA
Vinyl Chloride	CT, NH, NY, ME, VA
m+p Xylene	CT, NH, NY, ME, VA
o-Xylene	CT, NH, NY, ME, VA
SW-846 8260C in Water	
Acetone	CT, NY, ME, NH, VA
Acrylonitrile	CT, NY, ME, NH, VA
tert-Amyl Methyl Ether (TAME)	NY, ME, NH, VA
Benzene	CT, NY, ME, NH, VA
Bromobenzene	NY
Bromochloromethane	NY, ME, NH, VA
Bromodichloromethane	CT, NY, ME, NH, VA
Bromoform	CT, NY, ME, NH, VA
Bromomethane	CT, NY, ME, NH, VA
2-Butanone (MEK)	CT, NY, ME, NH, VA
tert-Butyl Alcohol (TBA)	NY, ME, NH, VA
n-Butylbenzene	NY, ME, VA
sec-Butylbenzene	NY, ME, VA
tert-Butylbenzene	NY, ME, VA
tert-Butyl Ethyl Ether (TBEE)	NY, ME, NH, VA
Carbon Disulfide	CT, NY, ME, NH, VA
Carbon Tetrachloride	CT, NY, ME, NH, VA
Chlorobenzene	CT, NY, ME, NH, VA
Chlorodibromomethane	CT, NY, ME, NH, VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
Chloroethane	CT,NY,ME,NH,VA
Chloroform	CT,NY,ME,NH,VA
Chloromethane	CT,NY,ME,NH,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Cyclohexane	NY
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA
1,1-Dichloroethane	CT,NY,ME,NH,VA
1,2-Dichloroethane	CT,NY,ME,NH,VA
1,1-Dichloroethylene	CT,NY,ME,NH,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA
1,2-Dichloropropane	CT,NY,ME,NH,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA
Diethyl Ether	NY
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
1,4-Dioxane	NY
Ethylbenzene	CT,NY,ME,NH,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA
Tetrachloroethylene	CT,NY,ME,NH,VA
Toluene	CT,NY,ME,NH,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
1,1,2-Trichloroethane	CT,NY,ME,NH,VA
Trichloroethylene	CT,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,VA
m+p Xylene	CT,ME,NH,VA
o-Xylene	CT,ME,NH,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzidine	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Benzoic Acid	NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Soil</i>	
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachloronitrobenzene	NY,NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
<i>SW-846 8270D in Water</i>	
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acetophenone	NY,NC
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Water</i>	
Benzidine	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA
Benzoic Acid	NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
Chrysene	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Dimethylphthalate	CT,NY,NC,ME,NH,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NC
Fluoranthene	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Naphthalene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA
4-Nitrophenol	CT,NY,NC,ME,NH,VA
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,VA
N-Nitrosodiphenylamine	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,VA
Phenanthrene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA
Pyrene	CT,NY,NC,ME,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
2-Fluorophenol	NC

SW-846 9014 in Soil

Cyanide	NY,CT,NC,ME,NH,VA
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SW-846 9014 in Water

Cyanide	NY,CT,NH,NC,ME,VA
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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017

1730911

Company Name: **con-test**
ANALYTICAL LABORATORY

Address: **CHAIN OF CUSTODY RECORD**

Phone: **413-525-2332**
Fax: **413-525-6405**
Email: **info@contestlabs.com**

Project Name: **ANALYSIS REQUESTED**

Project Location: **ANALYSIS REQUESTED**

Project Number: **ANALYSIS REQUESTED**

Project Manager: **ANALYSIS REQUESTED**

Con-Test Bid: **ANALYSIS REQUESTED**

Invoice Recipient: **ANALYSIS REQUESTED**

Sampled By: **ANALYSIS REQUESTED**

Requested Turnaround Time: 7-Day 10-Day Other: _____
Rush-Approval Required: 1-Day 3-Day 4-Day Other: _____
Data Delivery: EXCEL PDF Other: _____
Enhanced Data Package Required: Other: _____
Email To: **SAME**
Fax To #: _____

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code
4	LW-05-comp1-0-6'	2/20/17	1230	✓		S	A
5	LW-06-comp1-0-4'	2/21/17	0830	✓		S	A
6	LW-06-2-4'	2/21/17	0820	✓		S	A
7	LW-03-comp1-4-8'	2/20/17	0845	✓		S	A
8	LW-03/MS/MSD-comp1-4-8'	2/20/17	0845	✓		S	A

Comments: **NYSDEC Asp-B delivered**

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	Detection Limit Requirements
<i>[Signature]</i>	2/22/17 5:45	MA
Received by: (signature) 2182	Date/Time:	
<i>[Signature]</i>	2/23/17 9:00	CT
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

of Containers
2 Preservation Code
3 Container Code

Dissoived Metals Samples
 Field Filtered
 Lab to Filter

Orthophosphate Samples
 Field Filtered
 Lab to Filter

1 Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

2 Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

3 Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Program Information
 MCP Analytical Certification Form Required
 RCP Analysis Certification Form Required
 MA State DW Form Required
PWSID # _____
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.
PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



IMPORTANT!

FedEx is closely monitoring the Oroville Dam spillway situation in California and will operate during Mardi Gras. Learn More

FedEx® Tracking

778490610334

Ship date:
Wed 2/22/2017

Actual delivery:
Thu 2/23/2017 9:08 am

Buffalo, NY US



Delivered

Signed for by: P.BLAKE

EAST LONGMEADOW, MA US

Travel History

Date/Time	Activity	Location
2/23/2017 - Thursday		
9:08 am	Delivered	EAST LONGMEADOW, MA
8:15 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
8:06 am	At local FedEx facility	WINDSOR LOCKS, CT
6:43 am	At destination sort facility	EAST GRANBY, CT
3:45 am	Departed FedEx location	NEWARK, NJ
12:00 am	Arrived at FedEx location	NEWARK, NJ
2/22/2017 - Wednesday		
7:29 pm	Picked up	CHEEKTOWAGA, NY
5:34 pm	Picked up	BUFFALO, NY
2:26 pm	Tendered at FedEx Office Shipment information sent to FedEx	

Shipment Facts

Tracking number	778490610334	Service	FedEx Priority Overnight
Weight	1 lbs / 0.45 kgs	Dimensions	24x14x15 in.
Delivered To	Residence	Total pieces	1
Total shipment weight	1 lbs / 0.45 kgs	Terms	Shipper
Shipper reference	SCA Wildcat IAQ samples	Packaging	Your Packaging
Special handling section	Deliver Weekday, Residential Delivery	Standard transit	2/23/2017 by 10:30 am



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 - Small Business Center
 - Service Guide
 - Customer Support
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 - FedEx Office
 - FedEx Freight
 - FedEx Custom Critical
 - FedEx Trade Networks
 - FedEx Cross Border
 - FedEx Supply Chain

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 - Developer Resource Center
 - FedEx Ship Manager Software
 - FedEx Mobile

39 Spruce St.
 East Longmeadow, MA. 01028
 P: 413-525-2332
 F: 413-525-6405
 www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: LIRD ENGINEERS RECEIVED BY: BFA DATE: 02/23/12

- 1) Was the chain(s) of custody relinquished and signed? Yes No No COC Incl.
- 2) Does the chain agree with the samples? Yes No
 If not, explain:
- 3) Are all the samples in good condition? Yes No
 If not, explain:

4) How were the samples received:
 On Ice Direct from Sampling Ambient In Cooler(s)
 Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A
 Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.8°C ± 4

- 5) Are there Dissolved samples for the lab to filter? Yes No
 Who was notified _____ Date _____ Time _____
- 6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
 Who was notified _____ Date _____ Time _____

7) Location where samples are stored:
 Permission to subcontract samples? Yes No
 (Walk-in clients only) if not already approved
 Client Signature: _____

- 8) Do all samples have the proper Acid pH: Yes No N/A BFA
- 9) Do all samples have the proper Base pH: Yes No N/A BFA
- 10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	6	16 oz amber	1
500 mL Amber		8 oz amber/clear jar	5
250 mL Amber (8oz amber)		4 oz amber/clear jar	5
1 Liter Plastic		2 oz amber/clear jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	4	SOC Kit	
40 mL Vial - type listed below	8	Perchlorate Kit	
Coisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

40 mL vials: # HCl <u>8</u>	# Methanol _____	Time and Date Frozen:
Doc# 277 # Bisulfate _____	# DI Water _____	
Rev. 4 August 2013 # Thiosulfate _____	Unpreserved _____	

Login Sample Receipt Checklist
 (Rejection Criteria Listing - Using Sample Acceptance Policy)
 Any False statement will be brought to the attention of Client

Question	Answer (True/False)	Comment
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	2.8°C ± 4
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

April 21, 2017

Jon Williams
LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209-2202

Project Location: 683 Northland Ave
Client Job Number:
Project Number: 15-029-1054
Laboratory Work Order Number: 17D0319

Enclosed are results of analyses for samples received by the laboratory on April 8, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right from the end of the signature.

Aaron L. Benoit
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, NY 14209-2202
 ATTN: Jon Williams

REPORT DATE: 4/21/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 15-029-1054

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17D0319

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LW-01	17D0319-01	Ground Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LW-02	17D0319-02	Ground Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LW-03	17D0319-03	Ground Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LW-04	17D0319-04	Ground Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
LW-05	17D0319-05	Ground Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
 690 Delaware Avenue
 Buffalo, NY 14209-2202
 ATTN: Jon Williams

REPORT DATE: 4/21/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 15-029-1054

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17D0319

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
LW-06	17D0319-06	Ground Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
Duplicate	17D0319-07	Ground Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
Rinse Blank	17D0319-08	Ground Water		SW-846 6010C-D SW-846 7470A SW-846 8081B SW-846 8082A SW-846 8260C SW-846 8270D SW-846 9014	
Trip Blank	17D0319-09	Trip Blank Water		SW-846 8260C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332
SW-846 6010C-D

Qualifications:**MS-19**

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:**Calcium**

17D0319-06[LW-06], B174158-MS2, B174158-MSD2

Magnesium

17D0319-06[LW-06], B174158-MS2, B174158-MSD2

Sodium

17D0319-06[LW-06], B174158-MS2, B174158-MSD2

R-04

Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).

Analyte & Samples(s) Qualified:**Arsenic**

17D0319-06[LW-06], B174158-DUP1

Copper

17D0319-06[LW-06], B174158-DUP1

Vanadium

17D0319-06[LW-06], B174158-DUP1

SW-846 8260C

Qualifications:**L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**Carbon Disulfide**

B174242-BS1, B174242-BSD1, B174242-MS1, B174242-MSD1, S013807-CCV1

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Methyl Acetate**

17D0319-01[LW-01], 17D0319-02[LW-02], 17D0319-03[LW-03], 17D0319-04[LW-04], 17D0319-05[LW-05], 17D0319-06[LW-06], 17D0319-07[Duplicate], 17D0319-08[Rinse Blank], 17D0319-09[Trip Blank], B174242-BLK1, B174242-BS1, B174242-BSD1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**2,2-Dichloropropane**

17D0319-06[LW-06], B174242-MS1, B174242-MSD1

Bromomethane

17D0319-06[LW-06], B174242-MS1, B174242-MSD1

Dichlorodifluoromethane (Freon 1)

17D0319-06[LW-06], B174242-MS1, B174242-MSD1

Methyl Acetate

17D0319-06[LW-06], B174242-MS1, B174242-MSD1

MS-12

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**Carbon Disulfide**

17D0319-06[LW-06], B174242-MS1, B174242-MSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**Bromomethane**

17D0319-01[LW-01], 17D0319-02[LW-02], 17D0319-03[LW-03], 17D0319-04[LW-04], 17D0319-05[LW-05], 17D0319-06[LW-06], 17D0319-07[Duplicate], 17D0319-08[Rinse Blank], 17D0319-09[Trip Blank], B174242-BLK1, B174242-BS1, B174242-BSD1, B174242-MS1, B174242-MSD1, S013807-CCV1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethane**

B174242-BS1, B174242-BSD1, B174242-MS1, B174242-MSD1, S013807-CCV1

1,4-Dioxane

B174242-BS1, B174242-BSD1, B174242-MS1, B174242-MSD1, S013807-CCV1

Carbon Disulfide

B174242-BS1, B174242-BSD1, B174242-MS1, B174242-MSD1, S013807-CCV1

Cyclohexane

B174242-BS1, B174242-BSD1, B174242-MS1, B174242-MSD1, S013807-CCV1

tert-Butyl Alcohol (TBA)

B174242-BS1, B174242-BSD1, B174242-MS1, B174242-MSD1, S013807-CCV1

SW-846 8270D**Qualifications:****MS-08**

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**3,3-Dichlorobenzidine**

B174209-MS1

Benzoic Acid

B174209-MS1

Pyridine

B174209-MS1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**4-Chloroaniline**

17D0319-06[LW-06], B174209-MS1, B174209-MSD1

Benzidine

17D0319-06[LW-06], B174209-MS1, B174209-MSD1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:**2,4-Dimethylphenol**

17D0319-06[LW-06], B174209-MS1, B174209-MSD1

3,3-Dichlorobenzidine

17D0319-06[LW-06], B174209-MS1, B174209-MSD1

V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

Analyte & Samples(s) Qualified:**Benzidine**

17D0319-01[LW-01], 17D0319-02[LW-02], 17D0319-03[LW-03], 17D0319-04[LW-04], 17D0319-05[LW-05], 17D0319-06[LW-06], 17D0319-07[Duplicate], 17D0319-08[Rinse Blank], B174209-BLK1, B174209-BS1, B174209-BSD1, B174209-MS1, B174209-MSD1

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Benzidine**

17D0319-01[LW-01], 17D0319-02[LW-02], 17D0319-03[LW-03], 17D0319-04[LW-04], 17D0319-05[LW-05], 17D0319-06[LW-06], 17D0319-07[Duplicate], 17D0319-08[Rinse Blank], B174209-BLK1, B174209-BS1, B174209-BSD1, B174209-MS1, B174209-MSD1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:**Pentachloronitrobenzene**

17D0319-01[LW-01], 17D0319-02[LW-02], 17D0319-03[LW-03], 17D0319-04[LW-04], 17D0319-05[LW-05], 17D0319-06[LW-06], 17D0319-07[Duplicate], 17D0319-08[Rinse Blank], B174209-BLK1, B174209-BS1, B174209-BSD1, B174209-MS1, B174209-MSD1

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**4-Nitrophenol**

17D0319-01[LW-01], 17D0319-02[LW-02], 17D0319-03[LW-03], 17D0319-04[LW-04], 17D0319-05[LW-05], 17D0319-06[LW-06], 17D0319-07[Duplicate], 17D0319-08[Rinse Blank], B174209-MS1, B174209-MSD1

N-Nitrosodimethylamine

17D0319-01[LW-01], 17D0319-02[LW-02], 17D0319-03[LW-03], 17D0319-04[LW-04], 17D0319-05[LW-05], 17D0319-06[LW-06], 17D0319-07[Duplicate], 17D0319-08[Rinse Blank], B174209-MS1, B174209-MSD1

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-01

Sampled: 4/5/2017 13:05

Sample ID: 17D0319-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/11/17	4/12/17 10:44	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-01

Sampled: 4/5/2017 13:05

Sample ID: 17D0319-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04	SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 10:44	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	99.6	70-130	4/12/17 10:44
Toluene-d8	103	70-130	4/12/17 10:44
4-Bromofluorobenzene	95.4	70-130	4/12/17 10:44

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-01

Sampled: 4/5/2017 13:05

Sample ID: 17D0319-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Aniline	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Benzidine	ND	20	µg/L	1	V-04, V-05	SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
1,2-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
1,3-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
1,4-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-01

Sampled: 4/5/2017 13:05

Sample ID: 17D0319-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
1-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
4-Nitrophenol	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 15:25	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 15:25	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:25	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	55.4	15-110	4/18/17 15:25
Phenol-d6	39.9	15-110	4/18/17 15:25
Nitrobenzene-d5	91.5	30-130	4/18/17 15:25
2-Fluorobiphenyl	84.2	30-130	4/18/17 15:25
2,4,6-Tribromophenol	96.5	15-110	4/18/17 15:25
p-Terphenyl-d14	89.6	30-130	4/18/17 15:25

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-01

Sampled: 4/5/2017 13:05

Sample ID: 17D0319-01

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Chlordane [1]	ND	0.20	0.11	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:10	KAL
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		96.5	30-150						4/21/17 3:10	
Decachlorobiphenyl [2]		77.4	30-150						4/21/17 3:10	
Tetrachloro-m-xylene [1]		75.3	30-150						4/21/17 3:10	
Tetrachloro-m-xylene [2]		60.8	30-150						4/21/17 3:10	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-01

Sampled: 4/5/2017 13:05

Sample ID: 17D0319-01

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 17:46	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		83.2	30-150					4/16/17 17:46	
Decachlorobiphenyl [2]		82.7	30-150					4/16/17 17:46	
Tetrachloro-m-xylene [1]		68.6	30-150					4/16/17 17:46	
Tetrachloro-m-xylene [2]		72.9	30-150					4/16/17 17:46	

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-01

Sampled: 4/5/2017 13:05

Sample ID: 17D0319-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Antimony	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Beryllium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Calcium	88	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Cobalt	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Copper	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Iron	0.58	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Magnesium	27	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Manganese	0.33	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	4/10/17	4/11/17 9:14	TJK
Nickel	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Potassium	2.8	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 16:49	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Sodium	35	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 16:49	SHN
Thallium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Vanadium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW
Zinc	ND	0.020	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:41	QNW

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-01

Sampled: 4/5/2017 13:05

Sample ID: 17D0319-01

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	4/12/17	4/13/17 14:30	DJM

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-02

Sampled: 4/5/2017 14:40

Sample ID: 17D0319-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/11/17	4/12/17 11:14	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-02

Sampled: 4/5/2017 14:40

Sample ID: 17D0319-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04	SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:14	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	99.9	70-130	4/12/17 11:14
Toluene-d8	101	70-130	4/12/17 11:14
4-Bromofluorobenzene	96.8	70-130	4/12/17 11:14

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-02

Sampled: 4/5/2017 14:40

Sample ID: 17D0319-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Aniline	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Benzidine	ND	20	µg/L	1	V-04, V-05	SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
1,2-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
1,3-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
1,4-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-02

Sampled: 4/5/2017 14:40

Sample ID: 17D0319-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
1-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
4-Nitrophenol	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 15:50	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 15:50	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 15:50	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	53.1	15-110	
Phenol-d6	38.4	15-110	
Nitrobenzene-d5	88.9	30-130	
2-Fluorobiphenyl	83.2	30-130	
2,4,6-Tribromophenol	98.4	15-110	
p-Terphenyl-d14	80.9	30-130	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-02

Sampled: 4/5/2017 14:40

Sample ID: 17D0319-02

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Chlordane [1]	ND	0.20	0.11	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	4/11/17	4/21/17 3:37	KAL
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		100	30-150						4/21/17 3:37	
Decachlorobiphenyl [2]		83.2	30-150						4/21/17 3:37	
Tetrachloro-m-xylene [1]		83.4	30-150						4/21/17 3:37	
Tetrachloro-m-xylene [2]		69.5	30-150						4/21/17 3:37	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-02

Sampled: 4/5/2017 14:40

Sample ID: 17D0319-02

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:04	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		97.8	30-150					4/16/17 18:04	
Decachlorobiphenyl [2]		96.9	30-150					4/16/17 18:04	
Tetrachloro-m-xylene [1]		79.6	30-150					4/16/17 18:04	
Tetrachloro-m-xylene [2]		83.5	30-150					4/16/17 18:04	

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-02

Sampled: 4/5/2017 14:40

Sample ID: 17D0319-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Antimony	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Barium	0.079	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Beryllium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Calcium	79	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Cobalt	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Copper	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Iron	1.9	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Magnesium	14	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Manganese	0.77	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	4/10/17	4/11/17 9:16	TJK
Nickel	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Potassium	8.2	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 16:53	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Sodium	19	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 16:53	SHN
Thallium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Vanadium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW
Zinc	ND	0.020	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:45	QNW

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-02

Sampled: 4/5/2017 14:40

Sample ID: 17D0319-02

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	4/12/17	4/13/17 14:30	DJM

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-03

Sampled: 4/5/2017 16:20

Sample ID: 17D0319-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/11/17	4/12/17 11:45	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-03

Sampled: 4/5/2017 16:20

Sample ID: 17D0319-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04	SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 11:45	LBD
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
1,2-Dichloroethane-d4		100	70-130					4/12/17 11:45	
Toluene-d8		103	70-130					4/12/17 11:45	
4-Bromofluorobenzene		96.6	70-130					4/12/17 11:45	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-03

Sampled: 4/5/2017 16:20

Sample ID: 17D0319-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Aniline	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Benzidine	ND	20	µg/L	1	V-04, V-05	SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
1,2-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
1,3-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
1,4-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-03

Sampled: 4/5/2017 16:20

Sample ID: 17D0319-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
1-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
4-Nitrophenol	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 16:15	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 16:15	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:15	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	53.8	15-110	
Phenol-d6	38.5	15-110	
Nitrobenzene-d5	87.1	30-130	
2-Fluorobiphenyl	79.2	30-130	
2,4,6-Tribromophenol	99.1	15-110	
p-Terphenyl-d14	81.0	30-130	

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-03

Sampled: 4/5/2017 16:20

Sample ID: 17D0319-03

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Chlordane [1]	ND	0.20	0.11	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:04	KAL
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		82.6	30-150						4/21/17 4:04	
Decachlorobiphenyl [2]		67.3	30-150						4/21/17 4:04	
Tetrachloro-m-xylene [1]		58.1	30-150						4/21/17 4:04	
Tetrachloro-m-xylene [2]		46.4	30-150						4/21/17 4:04	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-03

Sampled: 4/5/2017 16:20

Sample ID: 17D0319-03

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:21	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		79.6	30-150					4/16/17 18:21	
Decachlorobiphenyl [2]		79.4	30-150					4/16/17 18:21	
Tetrachloro-m-xylene [1]		55.8	30-150					4/16/17 18:21	
Tetrachloro-m-xylene [2]		58.6	30-150					4/16/17 18:21	

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-03

Sampled: 4/5/2017 16:20

Sample ID: 17D0319-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Antimony	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Arsenic	0.010	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Beryllium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Calcium	91	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Cobalt	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Copper	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Iron	0.57	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Magnesium	27	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Manganese	0.24	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	4/10/17	4/11/17 9:21	TJK
Nickel	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Potassium	2.8	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 16:57	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Sodium	31	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 16:57	SHN
Thallium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Vanadium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW
Zinc	ND	0.020	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:49	QNW

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-03

Sampled: 4/5/2017 16:20

Sample ID: 17D0319-03

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	4/12/17	4/13/17 14:30	DJM

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-04

Sampled: 4/5/2017 11:35

Sample ID: 17D0319-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/11/17	4/12/17 12:15	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
cis-1,2-Dichloroethylene	1.8	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-04

Sampled: 4/5/2017 11:35

Sample ID: 17D0319-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04	SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Trichloroethylene	1.0	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:15	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	101	70-130	4/12/17 12:15
Toluene-d8	103	70-130	4/12/17 12:15
4-Bromofluorobenzene	95.7	70-130	4/12/17 12:15

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-04

Sampled: 4/5/2017 11:35

Sample ID: 17D0319-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Aniline	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Anthracene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Benzidine	ND	21	µg/L	1	V-04, V-05	SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Chrysene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
1,2-Dichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
1,3-Dichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
1,4-Dichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Fluorene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-04

Sampled: 4/5/2017 11:35

Sample ID: 17D0319-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
1-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
4-Nitrophenol	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 16:41	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 16:41	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Pyrene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Pyridine	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 16:41	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		44.7	15-110					4/18/17 16:41	
Phenol-d6		32.6	15-110					4/18/17 16:41	
Nitrobenzene-d5		77.0	30-130					4/18/17 16:41	
2-Fluorobiphenyl		74.2	30-130					4/18/17 16:41	
2,4,6-Tribromophenol		84.9	15-110					4/18/17 16:41	
p-Terphenyl-d14		84.1	30-130					4/18/17 16:41	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-04

Sampled: 4/5/2017 11:35

Sample ID: 17D0319-04

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Chlordane [1]	ND	0.20	0.11	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:30	KAL
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		101	30-150						4/21/17 4:30	
Decachlorobiphenyl [2]		79.3	30-150						4/21/17 4:30	
Tetrachloro-m-xylene [1]		77.0	30-150						4/21/17 4:30	
Tetrachloro-m-xylene [2]		62.6	30-150						4/21/17 4:30	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-04

Sampled: 4/5/2017 11:35

Sample ID: 17D0319-04

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:39	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		75.4	30-150					4/16/17 18:39	
Decachlorobiphenyl [2]		75.1	30-150					4/16/17 18:39	
Tetrachloro-m-xylene [1]		63.9	30-150					4/16/17 18:39	
Tetrachloro-m-xylene [2]		68.2	30-150					4/16/17 18:39	

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-04

Sampled: 4/5/2017 11:35

Sample ID: 17D0319-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Antimony	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Beryllium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Calcium	76	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Cobalt	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Copper	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Iron	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Magnesium	12	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Manganese	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	4/10/17	4/11/17 9:22	TJK
Nickel	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Potassium	3.2	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 17:02	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Sodium	96	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 17:02	SHN
Thallium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Vanadium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW
Zinc	ND	0.020	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:53	QNW

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-04

Sampled: 4/5/2017 11:35

Sample ID: 17D0319-04

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.015	0.010	mg/L	1		SW-846 9014	4/18/17	4/19/17 11:10	VAK

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-05

Sampled: 4/5/2017 12:25

Sample ID: 17D0319-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/11/17	4/12/17 12:46	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,1-Dichloroethane	1.3	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-05

Sampled: 4/5/2017 12:25

Sample ID: 17D0319-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04	SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 12:46	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	100	70-130	4/12/17 12:46
Toluene-d8	101	70-130	4/12/17 12:46
4-Bromofluorobenzene	95.2	70-130	4/12/17 12:46

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-05

Sampled: 4/5/2017 12:25

Sample ID: 17D0319-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Aniline	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Benzidine	ND	20	µg/L	1	V-04, V-05	SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
1,2-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
1,3-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
1,4-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-05

Sampled: 4/5/2017 12:25

Sample ID: 17D0319-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
1-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
4-Nitrophenol	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 17:07	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 17:07	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:07	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	48.0	15-110	4/18/17 17:07
Phenol-d6	34.7	15-110	4/18/17 17:07
Nitrobenzene-d5	82.2	30-130	4/18/17 17:07
2-Fluorobiphenyl	79.0	30-130	4/18/17 17:07
2,4,6-Tribromophenol	89.7	15-110	4/18/17 17:07
p-Terphenyl-d14	73.0	30-130	4/18/17 17:07

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-05

Sampled: 4/5/2017 12:25

Sample ID: 17D0319-05

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Chlordane [1]	ND	0.20	0.11	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	4/11/17	4/21/17 4:57	KAL
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		84.7	30-150						4/21/17 4:57	
Decachlorobiphenyl [2]		69.9	30-150						4/21/17 4:57	
Tetrachloro-m-xylene [1]		76.2	30-150						4/21/17 4:57	
Tetrachloro-m-xylene [2]		62.8	30-150						4/21/17 4:57	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-05

Sampled: 4/5/2017 12:25

Sample ID: 17D0319-05

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 18:57	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		85.7	30-150					4/16/17 18:57	
Decachlorobiphenyl [2]		84.8	30-150					4/16/17 18:57	
Tetrachloro-m-xylene [1]		74.6	30-150					4/16/17 18:57	
Tetrachloro-m-xylene [2]		78.6	30-150					4/16/17 18:57	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-05

Sampled: 4/5/2017 12:25

Sample ID: 17D0319-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Antimony	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Arsenic	0.011	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Beryllium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Calcium	100	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Cobalt	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Copper	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Iron	9.4	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Magnesium	12	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Manganese	0.85	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	4/10/17	4/11/17 9:23	TJK
Nickel	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Potassium	3.3	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 17:06	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Sodium	17	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 17:06	SHN
Thallium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Vanadium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW
Zinc	ND	0.020	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 17:57	QNW

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-05

Sampled: 4/5/2017 12:25

Sample ID: 17D0319-05

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	4/18/17	4/19/17 11:10	VAK

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-06

Sampled: 4/5/2017 13:55

Sample ID: 17D0319-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Bromomethane	ND	2.0	µg/L	1	MS-09, R-05	SW-846 8260C	4/11/17	4/12/17 13:17	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Carbon Disulfide	ND	4.0	µg/L	1	MS-12	SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	MS-09	SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	MS-09	SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-06

Sampled: 4/5/2017 13:55

Sample ID: 17D0319-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04, MS-09	SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Methyl Cyclohexane	1.4	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:17	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	101	70-130	4/12/17 13:17
Toluene-d8	101	70-130	4/12/17 13:17
4-Bromofluorobenzene	95.6	70-130	4/12/17 13:17

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-06

Sampled: 4/5/2017 13:55

Sample ID: 17D0319-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Aniline	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Benzidine	ND	20	µg/L	1	MS-09, V-04, V-05	SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
4-Chloroaniline	ND	10	µg/L	1	MS-09	SW-846 8270D	4/11/17	4/18/17 17:32	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
1,2-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
1,3-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
1,4-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1	R-06	SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2,4-Dimethylphenol	ND	10	µg/L	1	R-06	SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-06

Sampled: 4/5/2017 13:55

Sample ID: 17D0319-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
1-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
4-Nitrophenol	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 17:32	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 17:32	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:32	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	37.6	15-110	4/18/17 17:32
Phenol-d6	29.1	15-110	4/18/17 17:32
Nitrobenzene-d5	70.4	30-130	4/18/17 17:32
2-Fluorobiphenyl	67.4	30-130	4/18/17 17:32
2,4,6-Tribromophenol	63.5	15-110	4/18/17 17:32
p-Terphenyl-d14	69.0	30-130	4/18/17 17:32

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-06

Sampled: 4/5/2017 13:55

Sample ID: 17D0319-06

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Chlordane [1]	ND	0.20	0.11	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:24	KAL
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		98.8	30-150						4/21/17 5:24	
Decachlorobiphenyl [2]		78.2	30-150						4/21/17 5:24	
Tetrachloro-m-xylene [1]		82.5	30-150						4/21/17 5:24	
Tetrachloro-m-xylene [2]		62.1	30-150						4/21/17 5:24	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-06

Sampled: 4/5/2017 13:55

Sample ID: 17D0319-06

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:15	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		89.9	30-150					4/16/17 19:15	
Decachlorobiphenyl [2]		88.4	30-150					4/16/17 19:15	
Tetrachloro-m-xylene [1]		75.3	30-150					4/16/17 19:15	
Tetrachloro-m-xylene [2]		78.3	30-150					4/16/17 19:15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-06

Sampled: 4/5/2017 13:55

Sample ID: 17D0319-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.061	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Antimony	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Arsenic	0.013	0.010	mg/L	1	R-04	SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Barium	0.062	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Beryllium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Calcium	120	0.15	mg/L	1	MS-19	SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Cobalt	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Copper	ND	0.010	mg/L	1	R-04	SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Iron	1.0	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Magnesium	48	0.15	mg/L	1	MS-19	SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Manganese	0.22	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	4/10/17	4/11/17 9:12	TJK
Nickel	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Potassium	2.7	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 16:43	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Sodium	46	2.0	mg/L	1	MS-19	SW-846 6010C-D	4/11/17	4/12/17 16:43	SHN
Thallium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Vanadium	0.012	0.010	mg/L	1	R-04	SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW
Zinc	ND	0.020	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 16:33	QNW

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: LW-06

Sampled: 4/5/2017 13:55

Sample ID: 17D0319-06

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	4/18/17	4/19/17 11:10	VAK

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Duplicate

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/11/17	4/12/17 13:47	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Duplicate

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04	SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 13:47	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	99.2	70-130	4/12/17 13:47
Toluene-d8	104	70-130	4/12/17 13:47
4-Bromofluorobenzene	95.6	70-130	4/12/17 13:47

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Duplicate

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Aniline	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Benzidine	ND	20	µg/L	1	V-04, V-05	SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Benzoic Acid	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
1,2-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
1,3-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
1,4-Dichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Duplicate

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
1-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
4-Nitrophenol	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 17:57	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 17:57	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Pentachloronitrobenzene	ND	10	µg/L	1	V-16	SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Phenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	4/11/17	4/18/17 17:57	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		54.0	15-110					4/18/17 17:57	
Phenol-d6		37.6	15-110					4/18/17 17:57	
Nitrobenzene-d5		83.9	30-130					4/18/17 17:57	
2-Fluorobiphenyl		74.1	30-130					4/18/17 17:57	
2,4,6-Tribromophenol		83.1	15-110					4/18/17 17:57	
p-Terphenyl-d14		79.6	30-130					4/18/17 17:57	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Duplicate

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-07

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Chlordane [1]	ND	0.20	0.11	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	4/11/17	4/21/17 5:51	KAL
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		93.7	30-150						4/21/17 5:51	
Decachlorobiphenyl [2]		74.2	30-150						4/21/17 5:51	
Tetrachloro-m-xylene [1]		69.6	30-150						4/21/17 5:51	
Tetrachloro-m-xylene [2]		57.6	30-150						4/21/17 5:51	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Duplicate

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-07

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:33	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		80.8	30-150					4/16/17 19:33	
Decachlorobiphenyl [2]		79.8	30-150					4/16/17 19:33	
Tetrachloro-m-xylene [1]		64.1	30-150					4/16/17 19:33	
Tetrachloro-m-xylene [2]		69.2	30-150					4/16/17 19:33	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Duplicate

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Antimony	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Arsenic	0.013	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Beryllium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Calcium	87	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Cobalt	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Copper	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Iron	0.47	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Magnesium	27	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Manganese	0.32	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	4/10/17	4/11/17 9:24	TJK
Nickel	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Potassium	2.1	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 17:11	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Sodium	33	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 17:11	SHN
Thallium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Vanadium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW
Zinc	ND	0.020	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:02	QNW

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Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Duplicate

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-07

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.016	0.010	mg/L	1		SW-846 9014	4/18/17	4/19/17 11:10	VAK

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Rinse Blank

Sampled: 4/5/2017 14:10

Sample ID: 17D0319-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/11/17	4/12/17 9:11	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Rinse Blank

Sampled: 4/5/2017 14:10

Sample ID: 17D0319-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04	SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:11	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	102	70-130	4/12/17 9:11
Toluene-d8	101	70-130	4/12/17 9:11
4-Bromofluorobenzene	95.8	70-130	4/12/17 9:11

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Rinse Blank

Sampled: 4/5/2017 14:10

Sample ID: 17D0319-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Acenaphthylene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Acetophenone	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Aniline	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Anthracene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Benzidine	ND	18	µg/L	1	V-04, V-05	SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Benzo(a)anthracene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Benzo(a)pyrene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Benzo(b)fluoranthene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Benzo(g,h,i)perylene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Benzo(k)fluoranthene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Benzoic Acid	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Bis(2-chloroethoxy)methane	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Bis(2-chloroethyl)ether	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Bis(2-chloroisopropyl)ether	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
4-Bromophenylphenylether	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Butylbenzylphthalate	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Carbazole	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
4-Chloroaniline	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
4-Chloro-3-methylphenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2-Chloronaphthalene	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2-Chlorophenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
4-Chlorophenylphenylether	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Chrysene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Dibenz(a,h)anthracene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Dibenzofuran	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Di-n-butylphthalate	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
1,2-Dichlorobenzene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
1,3-Dichlorobenzene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
1,4-Dichlorobenzene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
3,3-Dichlorobenzidine	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2,4-Dichlorophenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Diethylphthalate	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2,4-Dimethylphenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Dimethylphthalate	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
4,6-Dinitro-2-methylphenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2,4-Dinitrophenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2,4-Dinitrotoluene	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2,6-Dinitrotoluene	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Di-n-octylphthalate	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Fluoranthene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Fluorene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Rinse Blank

Sampled: 4/5/2017 14:10

Sample ID: 17D0319-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Hexachlorobutadiene	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Hexachlorocyclopentadiene	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Hexachloroethane	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Indeno(1,2,3-cd)pyrene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Isophorone	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
1-Methylnaphthalene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2-Methylnaphthalene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2-Methylphenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
3/4-Methylphenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Naphthalene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2-Nitroaniline	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
3-Nitroaniline	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
4-Nitroaniline	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Nitrobenzene	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2-Nitrophenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
4-Nitrophenol	ND	9.2	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 18:23	BGL
N-Nitrosodimethylamine	ND	9.2	µg/L	1	V-20	SW-846 8270D	4/11/17	4/18/17 18:23	BGL
N-Nitrosodiphenylamine	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
N-Nitrosodi-n-propylamine	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Pentachloronitrobenzene	ND	9.2	µg/L	1	V-16	SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Pentachlorophenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Phenanthrene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Phenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Pyrene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Pyridine	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
1,2,4-Trichlorobenzene	ND	4.6	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2,4,5-Trichlorophenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
2,4,6-Trichlorophenol	ND	9.2	µg/L	1		SW-846 8270D	4/11/17	4/18/17 18:23	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		50.1	15-110					4/18/17 18:23	
Phenol-d6		36.1	15-110					4/18/17 18:23	
Nitrobenzene-d5		79.1	30-130					4/18/17 18:23	
2-Fluorobiphenyl		67.2	30-130					4/18/17 18:23	
2,4,6-Tribromophenol		73.9	15-110					4/18/17 18:23	
p-Terphenyl-d14		74.2	30-130					4/18/17 18:23	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Rinse Blank

Sampled: 4/5/2017 14:10

Sample ID: 17D0319-08

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.044	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Aldrin [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
alpha-BHC [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
beta-BHC [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
delta-BHC [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
gamma-BHC (Lindane) [1]	ND	0.030	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Chlordane [1]	ND	0.20	0.11	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
4,4'-DDD [1]	ND	0.040	0.010	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
4,4'-DDE [1]	ND	0.040	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
4,4'-DDT [1]	ND	0.040	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Endosulfan I [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Endosulfan II [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Endosulfan sulfate [1]	ND	0.080	0.011	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Endrin [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Endrin aldehyde [1]	ND	0.080	0.013	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Endrin ketone [1]	ND	0.080	0.0040	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Heptachlor [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Heptachlor epoxide [1]	ND	0.050	0.0030	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Hexachlorobenzene [1]	ND	0.050	0.0050	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Methoxychlor [1]	ND	0.50	0.015	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Toxaphene [1]	ND	1.0	0.51	µg/L	1		SW-846 8081B	4/11/17	4/21/17 6:18	KAL
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		109	30-150						4/21/17 6:18	
Decachlorobiphenyl [2]		85.5	30-150						4/21/17 6:18	
Tetrachloro-m-xylene [1]		93.2	30-150						4/21/17 6:18	
Tetrachloro-m-xylene [2]		74.3	30-150						4/21/17 6:18	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Rinse Blank

Sampled: 4/5/2017 14:10

Sample ID: 17D0319-08

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	4/11/17	4/16/17 19:51	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		97.1	30-150					4/16/17 19:51	
Decachlorobiphenyl [2]		95.2	30-150					4/16/17 19:51	
Tetrachloro-m-xylene [1]		86.8	30-150					4/16/17 19:51	
Tetrachloro-m-xylene [2]		90.1	30-150					4/16/17 19:51	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Rinse Blank

Sampled: 4/5/2017 14:10

Sample ID: 17D0319-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Antimony	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Arsenic	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Barium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Beryllium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Cadmium	ND	0.0040	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Calcium	ND	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Chromium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Cobalt	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Copper	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Iron	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Lead	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Magnesium	ND	0.15	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Manganese	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	4/10/17	4/11/17 9:26	TJK
Nickel	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Potassium	ND	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Selenium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 17:15	SHN
Silver	ND	0.0050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Sodium	ND	2.0	mg/L	1		SW-846 6010C-D	4/11/17	4/12/17 17:15	SHN
Thallium	ND	0.050	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Vanadium	ND	0.010	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW
Zinc	ND	0.020	mg/L	1		SW-846 6010C-D	4/11/17	4/11/17 18:06	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Rinse Blank

Sampled: 4/5/2017 14:10

Sample ID: 17D0319-08

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	4/18/17	4/19/17 11:10	VAK

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Trip Blank

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-09

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	4/11/17	4/12/17 9:42	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
trans-1,4-Dichloro-2-butene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 683 Northland Ave

Sample Description:

Work Order: 17D0319

Date Received: 4/8/2017

Field Sample #: Trip Blank

Sampled: 4/5/2017 00:00

Sample ID: 17D0319-09

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Methyl Acetate	ND	1.0	µg/L	1	L-04	SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2,4-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	4/11/17	4/12/17 9:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	102	70-130	4/12/17 9:42
Toluene-d8	102	70-130	4/12/17 9:42
4-Bromofluorobenzene	97.2	70-130	4/12/17 9:42

Sample Extraction Data

Prep Method: SW-846 3005A-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-01 [LW-01]	B174158	50.0	50.0	04/11/17
17D0319-02 [LW-02]	B174158	50.0	50.0	04/11/17
17D0319-03 [LW-03]	B174158	50.0	50.0	04/11/17
17D0319-04 [LW-04]	B174158	50.0	50.0	04/11/17
17D0319-05 [LW-05]	B174158	50.0	50.0	04/11/17
17D0319-06 [LW-06]	B174158	50.0	50.0	04/11/17
17D0319-07 [Duplicate]	B174158	50.0	50.0	04/11/17
17D0319-08 [Rinse Blank]	B174158	50.0	50.0	04/11/17

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-01 [LW-01]	B174137	6.00	6.00	04/10/17
17D0319-02 [LW-02]	B174137	6.00	6.00	04/10/17
17D0319-03 [LW-03]	B174137	6.00	6.00	04/10/17
17D0319-04 [LW-04]	B174137	6.00	6.00	04/10/17
17D0319-05 [LW-05]	B174137	6.00	6.00	04/10/17
17D0319-06 [LW-06]	B174137	6.00	6.00	04/10/17
17D0319-07 [Duplicate]	B174137	6.00	6.00	04/10/17
17D0319-08 [Rinse Blank]	B174137	6.00	6.00	04/10/17

Prep Method: SW-846 3510C-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-01 [LW-01]	B174262	1000	10.0	04/11/17
17D0319-02 [LW-02]	B174262	1000	10.0	04/11/17
17D0319-03 [LW-03]	B174262	1000	10.0	04/11/17
17D0319-04 [LW-04]	B174262	1000	10.0	04/11/17
17D0319-05 [LW-05]	B174262	960	9.60	04/11/17
17D0319-06 [LW-06]	B174262	1000	10.0	04/11/17
17D0319-07 [Duplicate]	B174262	1000	10.0	04/11/17
17D0319-08 [Rinse Blank]	B174262	1000	10.0	04/11/17

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-01 [LW-01]	B174261	1000	10.0	04/11/17
17D0319-02 [LW-02]	B174261	1000	10.0	04/11/17
17D0319-03 [LW-03]	B174261	1000	10.0	04/11/17
17D0319-04 [LW-04]	B174261	1000	10.0	04/11/17
17D0319-05 [LW-05]	B174261	960	9.60	04/11/17
17D0319-06 [LW-06]	B174261	1000	10.0	04/11/17
17D0319-07 [Duplicate]	B174261	1000	10.0	04/11/17
17D0319-08 [Rinse Blank]	B174261	1000	10.0	04/11/17

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-01 [LW-01]	B174242	5	5.00	04/11/17
17D0319-02 [LW-02]	B174242	5	5.00	04/11/17

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-03 [LW-03]	B174242	5	5.00	04/11/17
17D0319-04 [LW-04]	B174242	5	5.00	04/11/17
17D0319-05 [LW-05]	B174242	5	5.00	04/11/17
17D0319-06 [LW-06]	B174242	5	5.00	04/11/17
17D0319-07 [Duplicate]	B174242	5	5.00	04/11/17
17D0319-08 [Rinse Blank]	B174242	5	5.00	04/11/17
17D0319-09 [Trip Blank]	B174242	5	5.00	04/11/17

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-01 [LW-01]	B174209	990	1.00	04/11/17
17D0319-02 [LW-02]	B174209	990	1.00	04/11/17
17D0319-03 [LW-03]	B174209	980	1.00	04/11/17
17D0319-04 [LW-04]	B174209	970	1.00	04/11/17
17D0319-05 [LW-05]	B174209	980	1.00	04/11/17
17D0319-06 [LW-06]	B174209	980	1.00	04/11/17
17D0319-07 [Duplicate]	B174209	980	1.00	04/11/17
17D0319-08 [Rinse Blank]	B174209	980	0.900	04/11/17

SW-846 9014

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-01 [LW-01]	B174364	50.0	50.0	04/12/17
17D0319-02 [LW-02]	B174364	50.0	50.0	04/12/17
17D0319-03 [LW-03]	B174364	50.0	50.0	04/12/17

SW-846 9014

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17D0319-04 [LW-04]	B174776	50.0	50.0	04/18/17
17D0319-05 [LW-05]	B174776	50.0	50.0	04/18/17
17D0319-06 [LW-06]	B174776	50.0	50.0	04/18/17
17D0319-07 [Duplicate]	B174776	50.0	50.0	04/18/17
17D0319-08 [Rinse Blank]	B174776	50.0	50.0	04/18/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B174242 - SW-846 5030B

Blank (B174242-BLK1)

Prepared: 04/11/17 Analyzed: 04/12/17

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174242 - SW-846 5030B										
Blank (B174242-BLK1)										
Prepared: 04/11/17 Analyzed: 04/12/17										
Methyl Acetate	ND	1.0	µg/L							L-04
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	25.0		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	25.7		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	23.8		µg/L	25.0		95.4	70-130			
LCS (B174242-BS1)										
Prepared: 04/11/17 Analyzed: 04/12/17										
Acetone	85.0	50	µg/L	100		85.0	70-160			†
Acrylonitrile	10.4	5.0	µg/L	10.0		104	70-130			
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130			
Benzene	10.8	1.0	µg/L	10.0		108	70-130			
Bromobenzene	9.22	1.0	µg/L	10.0		92.2	70-130			
Bromochloromethane	11.4	1.0	µg/L	10.0		114	70-130			
Bromodichloromethane	9.84	0.50	µg/L	10.0		98.4	70-130			
Bromoform	9.41	1.0	µg/L	10.0		94.1	70-130			
Bromomethane	5.09	2.0	µg/L	10.0		50.9	40-160		R-05	†
2-Butanone (MEK)	96.2	20	µg/L	100		96.2	40-160			†
tert-Butyl Alcohol (TBA)	109	20	µg/L	100		109	40-160		V-20	†
n-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130			
sec-Butylbenzene	10.2	1.0	µg/L	10.0		102	70-130			
tert-Butylbenzene	9.63	1.0	µg/L	10.0		96.3	70-130			
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103	70-130			
Carbon Disulfide	14.2	4.0	µg/L	10.0		142 *	70-130			L-02, V-20
Carbon Tetrachloride	10.0	5.0	µg/L	10.0		100	70-130			
Chlorobenzene	9.52	1.0	µg/L	10.0		95.2	70-130			
Chlorodibromomethane	10.0	0.50	µg/L	10.0		100	70-130			
Chloroethane	9.61	2.0	µg/L	10.0		96.1	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174242 - SW-846 5030B										
LCS (B174242-BS1)										
					Prepared: 04/11/17 Analyzed: 04/12/17					
Chloroform	10.4	2.0	µg/L	10.0		104	70-130			
Chloromethane	8.41	2.0	µg/L	10.0		84.1	40-160			†
2-Chlorotoluene	9.44	1.0	µg/L	10.0		94.4	70-130			
4-Chlorotoluene	9.42	1.0	µg/L	10.0		94.2	70-130			
Cyclohexane	10.9	5.0	µg/L	10.0		109	70-130			V-20
1,2-Dibromo-3-chloropropane (DBCP)	8.56	5.0	µg/L	10.0		85.6	70-130			
1,2-Dibromoethane (EDB)	9.53	0.50	µg/L	10.0		95.3	70-130			
Dibromomethane	10.1	1.0	µg/L	10.0		101	70-130			
1,2-Dichlorobenzene	9.45	1.0	µg/L	10.0		94.5	70-130			
1,3-Dichlorobenzene	9.85	1.0	µg/L	10.0		98.5	70-130			
1,4-Dichlorobenzene	9.49	1.0	µg/L	10.0		94.9	70-130			
trans-1,4-Dichloro-2-butene	8.44	2.0	µg/L	10.0		84.4	70-130			
Dichlorodifluoromethane (Freon 12)	5.16	2.0	µg/L	10.0		51.6	40-160			†
1,1-Dichloroethane	11.4	1.0	µg/L	10.0		114	70-130			
1,2-Dichloroethane	9.41	1.0	µg/L	10.0		94.1	70-130			
1,1-Dichloroethylene	9.76	1.0	µg/L	10.0		97.6	70-130			
cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130			
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130			
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130			
1,3-Dichloropropane	9.67	0.50	µg/L	10.0		96.7	70-130			
2,2-Dichloropropane	11.8	1.0	µg/L	10.0		118	40-130			†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130			
cis-1,3-Dichloropropene	9.86	0.50	µg/L	10.0		98.6	70-130			
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130			
Diethyl Ether	10.4	2.0	µg/L	10.0		104	70-130			
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0		101	70-130			
1,4-Dioxane	126	50	µg/L	100		126	40-130			V-20 †
Ethylbenzene	9.09	1.0	µg/L	10.0		90.9	70-130			
Hexachlorobutadiene	10.6	0.60	µg/L	10.0		106	70-130			
2-Hexanone (MBK)	91.1	10	µg/L	100		91.1	70-160			†
Isopropylbenzene (Cumene)	9.95	1.0	µg/L	10.0		99.5	70-130			
p-Isopropyltoluene (p-Cymene)	9.85	1.0	µg/L	10.0		98.5	70-130			
Methyl Acetate	6.39	1.0	µg/L	10.0		63.9 *	70-130			L-04
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.0		100	70-130			
Methyl Cyclohexane	10.3	1.0	µg/L	10.0		103	70-130			
Methylene Chloride	9.53	5.0	µg/L	10.0		95.3	70-130			
4-Methyl-2-pentanone (MIBK)	93.3	10	µg/L	100		93.3	70-160			†
Naphthalene	9.12	2.0	µg/L	10.0		91.2	40-130			†
n-Propylbenzene	9.64	1.0	µg/L	10.0		96.4	70-130			
Styrene	9.40	1.0	µg/L	10.0		94.0	70-130			
1,1,1,2-Tetrachloroethane	9.17	1.0	µg/L	10.0		91.7	70-130			
1,1,2,2-Tetrachloroethane	9.85	0.50	µg/L	10.0		98.5	70-130			
Tetrachloroethylene	10.0	1.0	µg/L	10.0		100	70-130			
Tetrahydrofuran	10.6	10	µg/L	10.0		106	70-130			
Toluene	10.2	1.0	µg/L	10.0		102	70-130			
1,2,3-Trichlorobenzene	9.38	5.0	µg/L	10.0		93.8	70-130			
1,2,4-Trichlorobenzene	9.75	1.0	µg/L	10.0		97.5	70-130			
1,3,5-Trichlorobenzene	9.54	1.0	µg/L	10.0		95.4	70-130			
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130			
1,1,2-Trichloroethane	9.95	1.0	µg/L	10.0		99.5	70-130			
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130			
Trichlorofluoromethane (Freon 11)	7.84	2.0	µg/L	10.0		78.4	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B174242 - SW-846 5030B

LCS (B174242-BS1)

Prepared: 04/11/17 Analyzed: 04/12/17

1,2,3-Trichloropropane	8.90	2.0	µg/L	10.0		89.0	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.0		101	70-130			V-20
1,2,4-Trimethylbenzene	9.44	1.0	µg/L	10.0		94.4	70-130			
1,3,5-Trimethylbenzene	9.38	1.0	µg/L	10.0		93.8	70-130			
Vinyl Chloride	7.95	2.0	µg/L	10.0		79.5	40-160			†
m+p Xylene	18.7	2.0	µg/L	20.0		93.4	70-130			
o-Xylene	9.09	1.0	µg/L	10.0		90.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.9		µg/L	25.0		99.7	70-130			
Surrogate: Toluene-d8	25.6		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	24.7		µg/L	25.0		98.9	70-130			

LCS Dup (B174242-BSD1)

Prepared: 04/11/17 Analyzed: 04/12/17

Acetone	86.2	50	µg/L	100		86.2	70-160	1.39	25	†
Acrylonitrile	10.4	5.0	µg/L	10.0		104	70-130	0.192	25	
tert-Amyl Methyl Ether (TAME)	10.1	0.50	µg/L	10.0		101	70-130	1.76	25	
Benzene	10.6	1.0	µg/L	10.0		106	70-130	2.06	25	
Bromobenzene	9.17	1.0	µg/L	10.0		91.7	70-130	0.544	25	
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130	0.784	25	
Bromodichloromethane	9.58	0.50	µg/L	10.0		95.8	70-130	2.68	25	
Bromoform	9.25	1.0	µg/L	10.0		92.5	70-130	1.71	25	
Bromomethane	8.19	2.0	µg/L	10.0		81.9	40-160	46.7 *	25	R-05 †
2-Butanone (MEK)	101	20	µg/L	100		101	40-160	4.39	25	†
tert-Butyl Alcohol (TBA)	110	20	µg/L	100		110	40-160	0.945	25	V-20 †
n-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130	5.15	25	
sec-Butylbenzene	9.76	1.0	µg/L	10.0		97.6	70-130	4.31	25	
tert-Butylbenzene	9.14	1.0	µg/L	10.0		91.4	70-130	5.22	25	
tert-Butyl Ethyl Ether (TBEE)	10.4	0.50	µg/L	10.0		104	70-130	1.45	25	
Carbon Disulfide	13.3	4.0	µg/L	10.0		133 *	70-130	6.41	25	L-02, V-20
Carbon Tetrachloride	9.54	5.0	µg/L	10.0		95.4	70-130	5.01	25	
Chlorobenzene	9.03	1.0	µg/L	10.0		90.3	70-130	5.28	25	
Chlorodibromomethane	9.86	0.50	µg/L	10.0		98.6	70-130	1.51	25	
Chloroethane	9.41	2.0	µg/L	10.0		94.1	70-130	2.10	25	
Chloroform	10.4	2.0	µg/L	10.0		104	70-130	0.673	25	
Chloromethane	8.13	2.0	µg/L	10.0		81.3	40-160	3.39	25	†
2-Chlorotoluene	9.04	1.0	µg/L	10.0		90.4	70-130	4.33	25	
4-Chlorotoluene	9.03	1.0	µg/L	10.0		90.3	70-130	4.23	25	
Cyclohexane	10.5	5.0	µg/L	10.0		105	70-130	4.39	25	V-20
1,2-Dibromo-3-chloropropane (DBCP)	8.64	5.0	µg/L	10.0		86.4	70-130	0.930	25	
1,2-Dibromoethane (EDB)	9.83	0.50	µg/L	10.0		98.3	70-130	3.10	25	
Dibromomethane	10.0	1.0	µg/L	10.0		100	70-130	1.29	25	
1,2-Dichlorobenzene	9.15	1.0	µg/L	10.0		91.5	70-130	3.23	25	
1,3-Dichlorobenzene	9.41	1.0	µg/L	10.0		94.1	70-130	4.57	25	
1,4-Dichlorobenzene	9.28	1.0	µg/L	10.0		92.8	70-130	2.24	25	
trans-1,4-Dichloro-2-butene	8.62	2.0	µg/L	10.0		86.2	70-130	2.11	25	
Dichlorodifluoromethane (Freon 12)	4.97	2.0	µg/L	10.0		49.7	40-160	3.75	25	†
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130	3.74	25	
1,2-Dichloroethane	9.20	1.0	µg/L	10.0		92.0	70-130	2.26	25	
1,1-Dichloroethylene	9.51	1.0	µg/L	10.0		95.1	70-130	2.59	25	
cis-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107	70-130	0.651	25	
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	2.64	25	
1,2-Dichloropropane	10.2	1.0	µg/L	10.0		102	70-130	2.31	25	
1,3-Dichloropropane	9.60	0.50	µg/L	10.0		96.0	70-130	0.727	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174242 - SW-846 5030B										
LCS Dup (B174242-BSD1)										
					Prepared: 04/11/17 Analyzed: 04/12/17					
2,2-Dichloropropane	11.7	1.0	µg/L	10.0		117	40-130	1.02	25	†
1,1-Dichloropropene	10.2	2.0	µg/L	10.0		102	70-130	6.34	25	
cis-1,3-Dichloropropene	9.73	0.50	µg/L	10.0		97.3	70-130	1.33	25	
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130	2.28	25	
Diethyl Ether	10.4	2.0	µg/L	10.0		104	70-130	0.384	25	
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0		101	70-130	0.792	25	
1,4-Dioxane	126	50	µg/L	100		126	40-130	0.277	50	V-20 † ‡
Ethylbenzene	8.97	1.0	µg/L	10.0		89.7	70-130	1.33	25	
Hexachlorobutadiene	9.96	0.60	µg/L	10.0		99.6	70-130	6.13	25	
2-Hexanone (MBK)	93.6	10	µg/L	100		93.6	70-160	2.72	25	†
Isopropylbenzene (Cumene)	9.52	1.0	µg/L	10.0		95.2	70-130	4.42	25	
p-Isopropyltoluene (p-Cymene)	9.45	1.0	µg/L	10.0		94.5	70-130	4.15	25	
Methyl Acetate	6.64	1.0	µg/L	10.0		66.4	* 70-130	3.84	25	L-04
Methyl tert-Butyl Ether (MTBE)	10.1	1.0	µg/L	10.0		101	70-130	0.895	25	
Methyl Cyclohexane	9.93	1.0	µg/L	10.0		99.3	70-130	3.75	25	
Methylene Chloride	9.58	5.0	µg/L	10.0		95.8	70-130	0.523	25	
4-Methyl-2-pentanone (MIBK)	95.8	10	µg/L	100		95.8	70-160	2.57	25	†
Naphthalene	8.97	2.0	µg/L	10.0		89.7	40-130	1.66	25	†
n-Propylbenzene	9.22	1.0	µg/L	10.0		92.2	70-130	4.45	25	
Styrene	9.21	1.0	µg/L	10.0		92.1	70-130	2.04	25	
1,1,1,2-Tetrachloroethane	9.21	1.0	µg/L	10.0		92.1	70-130	0.435	25	
1,1,2,2-Tetrachloroethane	9.82	0.50	µg/L	10.0		98.2	70-130	0.305	25	
Tetrachloroethylene	9.62	1.0	µg/L	10.0		96.2	70-130	4.17	25	
Tetrahydrofuran	11.5	10	µg/L	10.0		115	70-130	7.76	25	
Toluene	9.82	1.0	µg/L	10.0		98.2	70-130	3.60	25	
1,2,3-Trichlorobenzene	9.71	5.0	µg/L	10.0		97.1	70-130	3.46	25	
1,2,4-Trichlorobenzene	9.64	1.0	µg/L	10.0		96.4	70-130	1.13	25	
1,3,5-Trichlorobenzene	9.37	1.0	µg/L	10.0		93.7	70-130	1.80	25	
1,1,1-Trichloroethane	9.66	1.0	µg/L	10.0		96.6	70-130	6.12	25	
1,1,2-Trichloroethane	9.93	1.0	µg/L	10.0		99.3	70-130	0.201	25	
Trichloroethylene	9.76	1.0	µg/L	10.0		97.6	70-130	4.60	25	
Trichlorofluoromethane (Freon 11)	7.71	2.0	µg/L	10.0		77.1	70-130	1.67	25	
1,2,3-Trichloropropane	9.16	2.0	µg/L	10.0		91.6	70-130	2.88	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.47	1.0	µg/L	10.0		94.7	70-130	6.04	25	V-20
1,2,4-Trimethylbenzene	9.09	1.0	µg/L	10.0		90.9	70-130	3.78	25	
1,3,5-Trimethylbenzene	9.14	1.0	µg/L	10.0		91.4	70-130	2.59	25	
Vinyl Chloride	7.88	2.0	µg/L	10.0		78.8	40-160	0.884	25	†
m+p Xylene	17.9	2.0	µg/L	20.0		89.4	70-130	4.32	25	
o-Xylene	8.66	1.0	µg/L	10.0		86.6	70-130	4.85	25	
Surrogate: 1,2-Dichloroethane-d4	25.1		µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	25.9		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	24.6		µg/L	25.0		98.6	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174242 - SW-846 5030B										
Matrix Spike (B174242-MS1)	Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/12/17						
Acetone	91.2	50	µg/L	100	ND	91.2	70-130			
Acrylonitrile	11.2	5.0	µg/L	10.0	ND	112	70-130			
tert-Amyl Methyl Ether (TAME)	11.1	0.50	µg/L	10.0	ND	111	70-130			
Benzene	12.4	1.0	µg/L	10.0	0.170	122	70-130			
Bromobenzene	10.4	1.0	µg/L	10.0	ND	104	70-130			
Bromochloromethane	12.5	1.0	µg/L	10.0	ND	125	70-130			
Bromodichloromethane	10.9	0.50	µg/L	10.0	ND	109	70-130			
Bromoform	10.2	1.0	µg/L	10.0	ND	102	70-130			
Bromomethane	6.19	2.0	µg/L	10.0	ND	61.9	70-130	*		MS-09, R-05
2-Butanone (MEK)	101	20	µg/L	100	ND	101	70-130			
tert-Butyl Alcohol (TBA)	101	20	µg/L	100	ND	101	70-130			V-20
n-Butylbenzene	11.2	1.0	µg/L	10.0	ND	112	70-130			
sec-Butylbenzene	11.3	1.0	µg/L	10.0	ND	113	70-130			
tert-Butylbenzene	10.9	1.0	µg/L	10.0	ND	109	70-130			
tert-Butyl Ethyl Ether (TBEE)	11.3	0.50	µg/L	10.0	ND	113	70-130			
Carbon Disulfide	15.1	4.0	µg/L	10.0	1.29	138	70-130	*		L-02, MS-12, V-20
Carbon Tetrachloride	11.6	5.0	µg/L	10.0	ND	116	70-130			
Chlorobenzene	10.4	1.0	µg/L	10.0	ND	104	70-130			
Chlorodibromomethane	10.9	0.50	µg/L	10.0	ND	109	70-130			
Chloroethane	12.4	2.0	µg/L	10.0	ND	124	70-130			
Chloroform	11.7	2.0	µg/L	10.0	ND	117	70-130			
Chloromethane	9.87	2.0	µg/L	10.0	ND	98.7	70-130			
2-Chlorotoluene	10.4	1.0	µg/L	10.0	ND	104	70-130			
4-Chlorotoluene	10.3	1.0	µg/L	10.0	ND	103	70-130			
Cyclohexane	14.8	5.0	µg/L	10.0	2.09	128	70-130			V-20
1,2-Dibromo-3-chloropropane (DBCP)	8.69	5.0	µg/L	10.0	ND	86.9	70-130			
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0	ND	106	70-130			
Dibromomethane	11.0	1.0	µg/L	10.0	ND	110	70-130			
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0	ND	104	70-130			
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.0	ND	107	70-130			
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0	ND	102	70-130			
trans-1,4-Dichloro-2-butene	7.57	2.0	µg/L	10.0	ND	75.7	70-130			
Dichlorodifluoromethane (Freon 12)	5.94	2.0	µg/L	10.0	ND	59.4	70-130	*		MS-09
1,1-Dichloroethane	13.0	1.0	µg/L	10.0	ND	130	70-130			
1,2-Dichloroethane	10.3	1.0	µg/L	10.0	ND	103	70-130			
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0	ND	111	70-130			
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.0	0.280	114	70-130			
trans-1,2-Dichloroethylene	11.8	1.0	µg/L	10.0	ND	118	70-130			
1,2-Dichloropropane	11.6	1.0	µg/L	10.0	ND	116	70-130			
1,3-Dichloropropane	10.8	0.50	µg/L	10.0	ND	108	70-130			
2,2-Dichloropropane	6.61	1.0	µg/L	10.0	ND	66.1	70-130	*		MS-09
1,1-Dichloropropene	12.2	2.0	µg/L	10.0	ND	122	70-130			
cis-1,3-Dichloropropene	9.79	0.50	µg/L	10.0	ND	97.9	70-130			
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0	ND	103	70-130			
Diethyl Ether	11.7	2.0	µg/L	10.0	ND	117	70-130			
Diisopropyl Ether (DIPE)	11.2	0.50	µg/L	10.0	ND	112	70-130			
1,4-Dioxane	93.7	50	µg/L	100	ND	93.7	70-130			V-20
Ethylbenzene	10.6	1.0	µg/L	10.0	ND	106	70-130			
Hexachlorobutadiene	9.98	0.60	µg/L	10.0	ND	99.8	70-130			
2-Hexanone (MBK)	103	10	µg/L	100	ND	103	70-130			
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.0	ND	112	70-130			
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.0	ND	109	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174242 - SW-846 5030B										
Matrix Spike (B174242-MS1)										
		Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/12/17					
Methyl Acetate	5.19	1.0	µg/L	10.0	ND	51.9 *	70-130			MS-09
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.0	ND	112	70-130			
Methyl Cyclohexane	14.4	1.0	µg/L	10.0	1.36	130	70-130			
Methylene Chloride	10.9	5.0	µg/L	10.0	ND	109	70-130			
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100	ND	106	70-130			
Naphthalene	9.72	2.0	µg/L	10.0	ND	97.2	70-130			
n-Propylbenzene	10.7	1.0	µg/L	10.0	ND	107	70-130			
Styrene	10.5	1.0	µg/L	10.0	ND	105	70-130			
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0	ND	106	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0	ND	108	70-130			
Tetrachloroethylene	11.4	1.0	µg/L	10.0	ND	114	70-130			
Tetrahydrofuran	11.3	10	µg/L	10.0	ND	113	70-130			
Toluene	12.2	1.0	µg/L	10.0	0.400	118	70-130			
1,2,3-Trichlorobenzene	9.41	5.0	µg/L	10.0	ND	94.1	70-130			
1,2,4-Trichlorobenzene	10.1	1.0	µg/L	10.0	ND	101	70-130			
1,3,5-Trichlorobenzene	9.95	1.0	µg/L	10.0	ND	99.5	70-130			
1,1,1-Trichloroethane	11.6	1.0	µg/L	10.0	ND	116	70-130			
1,1,2-Trichloroethane	11.1	1.0	µg/L	10.0	ND	111	70-130			
Trichloroethylene	11.5	1.0	µg/L	10.0	ND	115	70-130			
Trichlorofluoromethane (Freon 11)	9.30	2.0	µg/L	10.0	ND	93.0	70-130			
1,2,3-Trichloropropane	9.96	2.0	µg/L	10.0	ND	99.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4	1.0	µg/L	10.0	ND	114	70-130			V-20
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.0	0.310	107	70-130			
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0	0.130	107	70-130			
Vinyl Chloride	9.69	2.0	µg/L	10.0	ND	96.9	70-130			
m+p Xylene	21.9	2.0	µg/L	20.0	0.480	107	70-130			
o-Xylene	10.7	1.0	µg/L	10.0	0.240	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.6		µg/L	25.0		98.5	70-130			
Surrogate: Toluene-d8	25.8		µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.2	70-130			
Matrix Spike Dup (B174242-MSD1)										
		Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/12/17					
Acetone	88.4	50	µg/L	100	ND	88.4	70-130	3.10	30	
Acrylonitrile	10.5	5.0	µg/L	10.0	ND	105	70-130	5.90	30	
tert-Amyl Methyl Ether (TAME)	10.9	0.50	µg/L	10.0	ND	109	70-130	1.72	30	
Benzene	12.3	1.0	µg/L	10.0	0.170	121	70-130	1.13	30	
Bromobenzene	10.2	1.0	µg/L	10.0	ND	102	70-130	1.55	30	
Bromochloromethane	12.6	1.0	µg/L	10.0	ND	126	70-130	0.958	30	
Bromodichloromethane	11.1	0.50	µg/L	10.0	ND	111	70-130	1.64	30	
Bromoform	9.91	1.0	µg/L	10.0	ND	99.1	70-130	2.69	30	
Bromomethane	6.03	2.0	µg/L	10.0	ND	60.3 *	70-130	2.62	30	MS-09, R-05
2-Butanone (MEK)	98.0	20	µg/L	100	ND	98.0	70-130	3.50	30	
tert-Butyl Alcohol (TBA)	98.0	20	µg/L	100	ND	98.0	70-130	2.99	30	V-20
n-Butylbenzene	11.3	1.0	µg/L	10.0	ND	113	70-130	0.355	30	
sec-Butylbenzene	11.1	1.0	µg/L	10.0	ND	111	70-130	1.69	30	
tert-Butylbenzene	10.7	1.0	µg/L	10.0	ND	107	70-130	1.66	30	
tert-Butyl Ethyl Ether (TBEE)	11.2	0.50	µg/L	10.0	ND	112	70-130	0.532	30	
Carbon Disulfide	15.2	4.0	µg/L	10.0	1.29	139 *	70-130	0.725	30	L-02, MS-12, V-20
Carbon Tetrachloride	11.6	5.0	µg/L	10.0	ND	116	70-130	0.00	30	
Chlorobenzene	10.5	1.0	µg/L	10.0	ND	105	70-130	0.862	30	
Chlorodibromomethane	10.8	0.50	µg/L	10.0	ND	108	70-130	1.29	30	

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B174242 - SW-846 5030B											
Matrix Spike Dup (B174242-MSD1)											
Source: 17D0319-06 Prepared: 04/11/17 Analyzed: 04/12/17											
Chloroethane	12.4	2.0	µg/L	10.0	ND	124	70-130	0.485	30		
Chloroform	11.7	2.0	µg/L	10.0	ND	117	70-130	0.342	30		
Chloromethane	10.2	2.0	µg/L	10.0	ND	102	70-130	3.19	30		
2-Chlorotoluene	10.6	1.0	µg/L	10.0	ND	106	70-130	1.43	30		
4-Chlorotoluene	10.5	1.0	µg/L	10.0	ND	105	70-130	1.44	30		
Cyclohexane	14.2	5.0	µg/L	10.0	2.09	121	70-130	4.62	30	V-20	
1,2-Dibromo-3-chloropropane (DBCP)	8.75	5.0	µg/L	10.0	ND	87.5	70-130	0.688	30		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0	ND	107	70-130	0.658	30		
Dibromomethane	11.1	1.0	µg/L	10.0	ND	111	70-130	1.27	30		
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0	ND	101	70-130	2.34	30		
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0	ND	106	70-130	0.470	30		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0	ND	101	70-130	0.886	30		
trans-1,4-Dichloro-2-butene	7.06	2.0	µg/L	10.0	ND	70.6	70-130	6.97	30		
Dichlorodifluoromethane (Freon 12)	5.60	2.0	µg/L	10.0	ND	56.0	*	70-130	5.89	30	MS-09
1,1-Dichloroethane	12.7	1.0	µg/L	10.0	ND	127	70-130	2.49	30		
1,2-Dichloroethane	10.5	1.0	µg/L	10.0	ND	105	70-130	1.73	30		
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0	ND	111	70-130	0.181	30		
cis-1,2-Dichloroethylene	11.6	1.0	µg/L	10.0	0.280	113	70-130	1.20	30		
trans-1,2-Dichloroethylene	11.7	1.0	µg/L	10.0	ND	117	70-130	1.45	30		
1,2-Dichloropropane	11.6	1.0	µg/L	10.0	ND	116	70-130	0.258	30		
1,3-Dichloropropane	10.8	0.50	µg/L	10.0	ND	108	70-130	0.371	30		
2,2-Dichloropropane	6.37	1.0	µg/L	10.0	ND	63.7	*	70-130	3.70	30	MS-09
1,1-Dichloropropene	12.0	2.0	µg/L	10.0	ND	120	70-130	1.32	30		
cis-1,3-Dichloropropene	9.99	0.50	µg/L	10.0	ND	99.9	70-130	2.02	30		
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0	ND	103	70-130	0.00	30		
Diethyl Ether	11.4	2.0	µg/L	10.0	ND	114	70-130	3.12	30		
Diisopropyl Ether (DIPE)	11.0	0.50	µg/L	10.0	ND	110	70-130	0.991	30		
1,4-Dioxane	115	50	µg/L	100	ND	115	70-130	20.1	30	V-20	
Ethylbenzene	10.5	1.0	µg/L	10.0	ND	105	70-130	1.05	30		
Hexachlorobutadiene	10.6	0.60	µg/L	10.0	ND	106	70-130	6.03	30		
2-Hexanone (MBK)	98.9	10	µg/L	100	ND	98.9	70-130	4.27	30		
Isopropylbenzene (Cumene)	11.2	1.0	µg/L	10.0	ND	112	70-130	0.0892	30		
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.0	ND	108	70-130	0.827	30		
Methyl Acetate	4.89	1.0	µg/L	10.0	ND	48.9	*	70-130	5.95	30	MS-09
Methyl tert-Butyl Ether (MTBE)	11.0	1.0	µg/L	10.0	ND	110	70-130	1.71	30		
Methyl Cyclohexane	13.5	1.0	µg/L	10.0	1.36	121	70-130	6.25	30		
Methylene Chloride	10.8	5.0	µg/L	10.0	ND	108	70-130	0.924	30		
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100	ND	102	70-130	3.87	30		
Naphthalene	8.89	2.0	µg/L	10.0	ND	88.9	70-130	8.92	30		
n-Propylbenzene	10.8	1.0	µg/L	10.0	ND	108	70-130	0.745	30		
Styrene	10.4	1.0	µg/L	10.0	ND	104	70-130	1.15	30		
1,1,1,2-Tetrachloroethane	10.3	1.0	µg/L	10.0	ND	103	70-130	2.49	30		
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.0	ND	105	70-130	2.44	30		
Tetrachloroethylene	11.6	1.0	µg/L	10.0	ND	116	70-130	1.65	30		
Tetrahydrofuran	10.7	10	µg/L	10.0	ND	107	70-130	5.56	30		
Toluene	12.2	1.0	µg/L	10.0	0.400	118	70-130	0.00	30		
1,2,3-Trichlorobenzene	9.52	5.0	µg/L	10.0	ND	95.2	70-130	1.16	30		
1,2,4-Trichlorobenzene	9.91	1.0	µg/L	10.0	ND	99.1	70-130	1.80	30		
1,3,5-Trichlorobenzene	9.81	1.0	µg/L	10.0	ND	98.1	70-130	1.42	30		
1,1,1-Trichloroethane	11.6	1.0	µg/L	10.0	ND	116	70-130	0.0860	30		
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.0	ND	108	70-130	2.37	30		
Trichloroethylene	11.5	1.0	µg/L	10.0	ND	115	70-130	0.261	30		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174242 - SW-846 5030B										
Matrix Spike Dup (B174242-MSD1)										
		Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/12/17					
Trichlorofluoromethane (Freon 11)	9.19	2.0	µg/L	10.0	ND	91.9	70-130	1.19	30	
1,2,3-Trichloropropane	9.47	2.0	µg/L	10.0	ND	94.7	70-130	5.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8	1.0	µg/L	10.0	ND	108	70-130	5.30	30	V-20
1,2,4-Trimethylbenzene	10.7	1.0	µg/L	10.0	0.310	104	70-130	2.59	30	
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0	0.130	105	70-130	1.68	30	
Vinyl Chloride	9.54	2.0	µg/L	10.0	ND	95.4	70-130	1.56	30	
m+p Xylene	21.6	2.0	µg/L	20.0	0.480	105	70-130	1.70	20	
o-Xylene	10.4	1.0	µg/L	10.0	0.240	102	70-130	2.18	30	
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.0		98.7	70-130			
Surrogate: Toluene-d8	26.2		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	24.7		µg/L	25.0		98.9	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B174209 - SW-846 3510C

Blank (B174209-BLK1)

Prepared: 04/11/17 Analyzed: 04/12/17

Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzidine	ND	20	µg/L							V-04, V-05
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Benzoic Acid	ND	10	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B174209 - SW-846 3510C

Blank (B174209-BLK1)

Prepared: 04/11/17 Analyzed: 04/12/17

2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodimethylamine	ND	10	µg/L							
N-Nitrosodiphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	10	µg/L							V-16
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							
Surrogate: 2-Fluorophenol	102		µg/L	202		50.4	15-110			
Surrogate: Phenol-d6	68.3		µg/L	200		34.2	15-110			
Surrogate: Nitrobenzene-d5	85.2		µg/L	100		85.2	30-130			
Surrogate: 2-Fluorobiphenyl	84.5		µg/L	100		84.5	30-130			
Surrogate: 2,4,6-Tribromophenol	190		µg/L	200		94.8	15-110			
Surrogate: p-Terphenyl-d14	93.5		µg/L	100		93.5	30-130			

LCS (B174209-BS1)

Prepared: 04/11/17 Analyzed: 04/12/17

Acenaphthene	39.7	5.0	µg/L	50.0		79.4	40-140			
Acenaphthylene	37.6	5.0	µg/L	50.0		75.1	40-140			
Acetophenone	47.1	10	µg/L	50.0		94.3	40-140			
Aniline	51.8	5.0	µg/L	50.0		104	40-140			
Anthracene	42.4	5.0	µg/L	50.0		84.8	40-140			
Benzidine	47.6	20	µg/L	50.0		95.1	40-140			V-04, V-05
Benzo(a)anthracene	41.0	5.0	µg/L	50.0		81.9	40-140			
Benzo(a)pyrene	42.6	5.0	µg/L	50.0		85.2	40-140			
Benzo(b)fluoranthene	42.7	5.0	µg/L	50.0		85.4	40-140			
Benzo(g,h,i)perylene	37.6	5.0	µg/L	50.0		75.2	40-140			
Benzo(k)fluoranthene	42.6	5.0	µg/L	50.0		85.1	40-140			
Benzoic Acid	6.72	10	µg/L	50.0		13.4	10-130			†
Bis(2-chloroethoxy)methane	46.1	10	µg/L	50.0		92.2	40-140			
Bis(2-chloroethyl)ether	44.7	10	µg/L	50.0		89.3	40-140			
Bis(2-chloroisopropyl)ether	46.8	10	µg/L	50.0		93.7	40-140			
Bis(2-Ethylhexyl)phthalate	38.8	10	µg/L	50.0		77.7	40-140			
4-Bromophenylphenylether	42.8	10	µg/L	50.0		85.5	40-140			
Butylbenzylphthalate	40.8	10	µg/L	50.0		81.5	40-140			
Carbazole	43.8	10	µg/L	50.0		87.5	40-140			
4-Chloroaniline	46.2	10	µg/L	50.0		92.4	40-140			
4-Chloro-3-methylphenol	46.4	10	µg/L	50.0		92.9	30-130			
2-Chloronaphthalene	36.2	10	µg/L	50.0		72.4	40-140			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174209 - SW-846 3510C										
LCS (B174209-BS1)										
				Prepared: 04/11/17 Analyzed: 04/12/17						
2-Chlorophenol	42.0	10	µg/L	50.0		84.0	30-130			
4-Chlorophenylphenylether	42.4	10	µg/L	50.0		84.8	40-140			
Chrysene	40.0	5.0	µg/L	50.0		80.1	40-140			
Dibenz(a,h)anthracene	37.1	5.0	µg/L	50.0		74.3	40-140			
Dibenzofuran	42.6	5.0	µg/L	50.0		85.3	40-140			
Di-n-butylphthalate	41.3	10	µg/L	50.0		82.7	40-140			
1,2-Dichlorobenzene	42.1	5.0	µg/L	50.0		84.2	40-140			
1,3-Dichlorobenzene	41.2	5.0	µg/L	50.0		82.4	40-140			
1,4-Dichlorobenzene	40.6	5.0	µg/L	50.0		81.3	40-140			
3,3-Dichlorobenzidine	45.1	10	µg/L	50.0		90.3	40-140			
2,4-Dichlorophenol	46.1	10	µg/L	50.0		92.1	30-130			
Diethylphthalate	43.0	10	µg/L	50.0		86.1	40-140			
2,4-Dimethylphenol	44.3	10	µg/L	50.0		88.7	30-130			
Dimethylphthalate	43.5	10	µg/L	50.0		86.9	40-140			
4,6-Dinitro-2-methylphenol	32.1	10	µg/L	50.0		64.2	30-130			
2,4-Dinitrophenol	27.9	10	µg/L	50.0		55.9	30-130			
2,4-Dinitrotoluene	45.6	10	µg/L	50.0		91.2	40-140			
2,6-Dinitrotoluene	46.0	10	µg/L	50.0		92.0	40-140			
Di-n-octylphthalate	40.9	10	µg/L	50.0		81.7	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	42.0	10	µg/L	50.0		84.1	40-140			
Fluoranthene	43.9	5.0	µg/L	50.0		87.8	40-140			
Fluorene	42.5	5.0	µg/L	50.0		85.0	40-140			
Hexachlorobenzene	43.0	10	µg/L	50.0		86.0	40-140			
Hexachlorobutadiene	46.0	10	µg/L	50.0		92.0	40-140			
Hexachlorocyclopentadiene	26.5	10	µg/L	50.0		53.0	30-140			†
Hexachloroethane	42.4	10	µg/L	50.0		84.9	40-140			
Indeno(1,2,3-cd)pyrene	37.7	5.0	µg/L	50.0		75.4	40-140			
Isophorone	47.7	10	µg/L	50.0		95.4	40-140			
1-Methylnaphthalene	41.6	5.0	µg/L	50.0		83.2	40-140			
2-Methylnaphthalene	46.3	5.0	µg/L	50.0		92.6	40-140			
2-Methylphenol	40.6	10	µg/L	50.0		81.2	30-130			
3/4-Methylphenol	40.4	10	µg/L	50.0		80.8	30-130			
Naphthalene	42.5	5.0	µg/L	50.0		85.1	40-140			
2-Nitroaniline	44.0	10	µg/L	50.0		88.0	40-140			
3-Nitroaniline	46.7	10	µg/L	50.0		93.4	40-140			
4-Nitroaniline	46.3	10	µg/L	50.0		92.7	40-140			
Nitrobenzene	44.4	10	µg/L	50.0		88.9	40-140			
2-Nitrophenol	42.9	10	µg/L	50.0		85.8	30-130			
4-Nitrophenol	20.0	10	µg/L	50.0		40.0	10-130			†
N-Nitrosodimethylamine	33.6	10	µg/L	50.0		67.3	40-140			
N-Nitrosodiphenylamine	57.6	10	µg/L	50.0		115	40-140			
N-Nitrosodi-n-propylamine	47.5	10	µg/L	50.0		95.0	40-140			
Pentachloronitrobenzene	44.3	10	µg/L	50.0		88.7	40-140			V-16
Pentachlorophenol	37.7	10	µg/L	50.0		75.4	30-130			
Phenanthrene	42.1	5.0	µg/L	50.0		84.2	40-140			
Phenol	20.8	10	µg/L	50.0		41.6	20-130			†
Pyrene	40.5	5.0	µg/L	50.0		81.1	40-140			
Pyridine	28.7	5.0	µg/L	50.0		57.5	10-140			†
1,2,4,5-Tetrachlorobenzene	40.9	10	µg/L	50.0		81.8	40-140			
1,2,4-Trichlorobenzene	42.3	5.0	µg/L	50.0		84.6	40-140			
2,4,5-Trichlorophenol	42.7	10	µg/L	50.0		85.4	30-130			
2,4,6-Trichlorophenol	41.3	10	µg/L	50.0		82.7	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B174209 - SW-846 3510C

LCS (B174209-BS1)

Prepared: 04/11/17 Analyzed: 04/12/17

Surrogate: 2-Fluorophenol	128		µg/L	202		63.3	15-110			
Surrogate: Phenol-d6	89.4		µg/L	200		44.7	15-110			
Surrogate: Nitrobenzene-d5	97.1		µg/L	100		97.1	30-130			
Surrogate: 2-Fluorobiphenyl	90.0		µg/L	100		90.0	30-130			
Surrogate: 2,4,6-Tribromophenol	218		µg/L	200		109	15-110			
Surrogate: p-Terphenyl-d14	91.1		µg/L	100		91.1	30-130			

LCS Dup (B174209-BS1)

Prepared: 04/11/17 Analyzed: 04/12/17

Acenaphthene	36.4	5.0	µg/L	50.0		72.7	40-140	8.81	20	
Acenaphthylene	35.2	5.0	µg/L	50.0		70.3	40-140	6.63	20	
Acetophenone	40.3	10	µg/L	50.0		80.6	40-140	15.7	20	
Aniline	47.6	5.0	µg/L	50.0		95.1	40-140	8.55	50	‡
Anthracene	40.9	5.0	µg/L	50.0		81.7	40-140	3.65	20	
Benzidine	49.9	20	µg/L	50.0		99.9	40-140	4.90	20	V-05, V-04
Benzo(a)anthracene	39.9	5.0	µg/L	50.0		79.7	40-140	2.72	20	
Benzo(a)pyrene	41.6	5.0	µg/L	50.0		83.1	40-140	2.42	20	
Benzo(b)fluoranthene	41.4	5.0	µg/L	50.0		82.8	40-140	3.14	20	
Benzo(g,h,i)perylene	37.0	5.0	µg/L	50.0		74.0	40-140	1.66	20	
Benzo(k)fluoranthene	41.5	5.0	µg/L	50.0		83.0	40-140	2.59	20	
Benzoic Acid	7.01	10	µg/L	50.0		14.0	10-130	4.22	50	† ‡
Bis(2-chloroethoxy)methane	40.3	10	µg/L	50.0		80.6	40-140	13.5	20	
Bis(2-chloroethyl)ether	37.8	10	µg/L	50.0		75.5	40-140	16.7	20	
Bis(2-chloroisopropyl)ether	40.8	10	µg/L	50.0		81.6	40-140	13.8	20	
Bis(2-Ethylhexyl)phthalate	34.5	10	µg/L	50.0		69.0	40-140	11.9	20	
4-Bromophenylphenylether	42.0	10	µg/L	50.0		84.0	40-140	1.82	20	
Butylbenzylphthalate	37.7	10	µg/L	50.0		75.5	40-140	7.67	20	
Carbazole	42.6	10	µg/L	50.0		85.1	40-140	2.78	20	
4-Chloroaniline	41.6	10	µg/L	50.0		83.2	40-140	10.6	20	
4-Chloro-3-methylphenol	40.0	10	µg/L	50.0		79.9	30-130	15.0	20	
2-Chloronaphthalene	35.1	10	µg/L	50.0		70.2	40-140	3.06	20	
2-Chlorophenol	36.0	10	µg/L	50.0		71.9	30-130	15.6	20	
4-Chlorophenylphenylether	38.8	10	µg/L	50.0		77.6	40-140	8.92	20	
Chrysene	39.1	5.0	µg/L	50.0		78.3	40-140	2.27	20	
Dibenz(a,h)anthracene	36.8	5.0	µg/L	50.0		73.6	40-140	0.947	20	
Dibenzofuran	39.7	5.0	µg/L	50.0		79.3	40-140	7.19	20	
Di-n-butylphthalate	38.2	10	µg/L	50.0		76.4	40-140	7.87	20	
1,2-Dichlorobenzene	35.6	5.0	µg/L	50.0		71.2	40-140	16.7	20	
1,3-Dichlorobenzene	34.7	5.0	µg/L	50.0		69.3	40-140	17.2	20	
1,4-Dichlorobenzene	34.6	5.0	µg/L	50.0		69.2	40-140	16.0	20	
3,3-Dichlorobenzidine	44.9	10	µg/L	50.0		89.8	40-140	0.511	20	
2,4-Dichlorophenol	39.9	10	µg/L	50.0		79.7	30-130	14.4	20	
Diethylphthalate	38.1	10	µg/L	50.0		76.2	40-140	12.2	20	
2,4-Dimethylphenol	39.2	10	µg/L	50.0		78.4	30-130	12.3	20	
Dimethylphthalate	40.0	10	µg/L	50.0		79.9	40-140	8.37	50	‡
4,6-Dinitro-2-methylphenol	29.3	10	µg/L	50.0		58.7	30-130	9.05	50	‡
2,4-Dinitrophenol	23.1	10	µg/L	50.0		46.3	30-130	18.8	50	‡
2,4-Dinitrotoluene	40.4	10	µg/L	50.0		80.9	40-140	12.0	20	
2,6-Dinitrotoluene	42.4	10	µg/L	50.0		84.7	40-140	8.22	20	
Di-n-octylphthalate	36.4	10	µg/L	50.0		72.7	40-140	11.7	20	
1,2-Diphenylhydrazine (as Azobenzene)	42.4	10	µg/L	50.0		84.9	40-140	0.923	20	
Fluoranthene	42.1	5.0	µg/L	50.0		84.2	40-140	4.14	20	
Fluorene	38.4	5.0	µg/L	50.0		76.8	40-140	10.2	20	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174209 - SW-846 3510C										
LCS Dup (B174209-BSD1)										
					Prepared: 04/11/17 Analyzed: 04/12/17					
Hexachlorobenzene	42.4	10	µg/L	50.0		84.8	40-140	1.43	20	
Hexachlorobutadiene	39.5	10	µg/L	50.0		79.1	40-140	15.1	20	
Hexachlorocyclopentadiene	23.8	10	µg/L	50.0		47.6	30-140	10.8	50	† ‡
Hexachloroethane	35.7	10	µg/L	50.0		71.3	40-140	17.3	50	‡
Indeno(1,2,3-cd)pyrene	37.9	5.0	µg/L	50.0		75.7	40-140	0.450	50	‡
Isophorone	42.2	10	µg/L	50.0		84.4	40-140	12.2	20	
1-Methylnaphthalene	35.8	5.0	µg/L	50.0		71.6	40-140	14.9	20	
2-Methylnaphthalene	39.9	5.0	µg/L	50.0		79.9	40-140	14.7	20	
2-Methylphenol	36.4	10	µg/L	50.0		72.7	30-130	11.1	20	
3/4-Methylphenol	34.6	10	µg/L	50.0		69.2	30-130	15.5	20	
Naphthalene	37.2	5.0	µg/L	50.0		74.4	40-140	13.4	20	
2-Nitroaniline	41.2	10	µg/L	50.0		82.5	40-140	6.50	20	
3-Nitroaniline	42.7	10	µg/L	50.0		85.4	40-140	9.02	20	
4-Nitroaniline	41.5	10	µg/L	50.0		83.1	40-140	10.9	20	
Nitrobenzene	39.2	10	µg/L	50.0		78.3	40-140	12.7	20	
2-Nitrophenol	37.5	10	µg/L	50.0		75.1	30-130	13.3	20	
4-Nitrophenol	18.9	10	µg/L	50.0		37.7	10-130	5.97	50	† ‡
N-Nitrosodimethylamine	30.5	10	µg/L	50.0		61.1	40-140	9.63	20	
N-Nitrosodiphenylamine	56.8	10	µg/L	50.0		114	40-140	1.31	20	
N-Nitrosodi-n-propylamine	40.6	10	µg/L	50.0		81.3	40-140	15.5	20	
Pentachloronitrobenzene	42.0	10	µg/L	50.0		84.1	40-140	5.30	20	V-16
Pentachlorophenol	35.9	10	µg/L	50.0		71.8	30-130	4.87	50	‡
Phenanthrene	40.5	5.0	µg/L	50.0		81.1	40-140	3.80	20	
Phenol	18.1	10	µg/L	50.0		36.1	20-130	14.1	20	†
Pyrene	38.9	5.0	µg/L	50.0		77.8	40-140	4.16	20	
Pyridine	25.2	5.0	µg/L	50.0		50.5	10-140	12.9	50	† ‡
1,2,4,5-Tetrachlorobenzene	39.5	10	µg/L	50.0		78.9	40-140	3.53	20	
1,2,4-Trichlorobenzene	37.2	5.0	µg/L	50.0		74.4	40-140	12.9	20	
2,4,5-Trichlorophenol	40.4	10	µg/L	50.0		80.9	30-130	5.44	20	
2,4,6-Trichlorophenol	38.8	10	µg/L	50.0		77.7	30-130	6.21	50	‡
Surrogate: 2-Fluorophenol	107		µg/L	202		52.8	15-110			
Surrogate: Phenol-d6	75.8		µg/L	200		37.9	15-110			
Surrogate: Nitrobenzene-d5	83.8		µg/L	100		83.8	30-130			
Surrogate: 2-Fluorobiphenyl	83.3		µg/L	100		83.3	30-130			
Surrogate: 2,4,6-Tribromophenol	180		µg/L	200		89.9	15-110			
Surrogate: p-Terphenyl-d14	81.3		µg/L	100		81.3	30-130			
Matrix Spike (B174209-MS1)										
					Source: 17D0319-06 Prepared: 04/11/17 Analyzed: 04/18/17					
Acenaphthene	31.9	4.6	µg/L	51.5	ND	61.9	40-140			
Acenaphthylene	30.6	4.6	µg/L	51.5	ND	59.4	40-140			
Acetophenone	38.8	9.3	µg/L	51.5	ND	75.2	40-140			
Aniline	21.0	4.6	µg/L	51.5	ND	40.8	40-140			
Anthracene	35.1	4.6	µg/L	51.5	ND	68.1	40-140			
Benzidine	ND	19	µg/L	51.5	ND	*	40-140			MS-09, V-04, V-05
Benzo(a)anthracene	34.8	4.6	µg/L	51.5	ND	67.6	40-140			
Benzo(a)pyrene	35.4	4.6	µg/L	51.5	ND	68.7	40-140			
Benzo(b)fluoranthene	35.9	4.6	µg/L	51.5	ND	69.7	40-140			
Benzo(g,h,i)perylene	30.6	4.6	µg/L	51.5	ND	59.3	40-140			
Benzo(k)fluoranthene	35.5	4.6	µg/L	51.5	ND	68.8	40-140			
Benzoic Acid	19.7	9.3	µg/L	51.5	ND	38.3	*	40-140		MS-08
Bis(2-chloroethoxy)methane	36.0	9.3	µg/L	51.5	ND	69.9	40-140			
Bis(2-chloroethyl)ether	36.1	9.3	µg/L	51.5	ND	70.1	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174209 - SW-846 3510C										
Matrix Spike (B174209-MS1)	Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/18/17						
Bis(2-chloroisopropyl)ether	38.2	9.3	µg/L	51.5	ND	74.2	40-140			
Bis(2-Ethylhexyl)phthalate	31.5	9.3	µg/L	51.5	ND	61.1	40-140			
4-Bromophenylphenylether	36.3	9.3	µg/L	51.5	ND	70.5	40-140			
Butylbenzylphthalate	32.9	9.3	µg/L	51.5	ND	63.8	40-140			
Carbazole	36.3	9.3	µg/L	51.5	ND	70.4	40-140			
4-Chloroaniline	17.4	9.3	µg/L	51.5	ND	33.7	40-140	*		MS-09
4-Chloro-3-methylphenol	36.4	9.3	µg/L	51.5	ND	70.7	30-130			
2-Chloronaphthalene	32.2	9.3	µg/L	51.5	ND	62.6	40-140			
2-Chlorophenol	33.1	9.3	µg/L	51.5	ND	64.2	30-130			
4-Chlorophenylphenylether	34.6	9.3	µg/L	51.5	ND	67.0	40-140			
Chrysene	33.7	4.6	µg/L	51.5	ND	65.3	40-140			
Dibenz(a,h)anthracene	30.1	4.6	µg/L	51.5	ND	58.3	40-140			
Dibenzofuran	35.3	4.6	µg/L	51.5	ND	68.4	40-140			
Di-n-butylphthalate	32.8	9.3	µg/L	51.5	ND	63.7	40-140			
1,2-Dichlorobenzene	32.5	4.6	µg/L	51.5	ND	63.1	40-140			
1,3-Dichlorobenzene	31.2	4.6	µg/L	51.5	ND	60.6	40-140			
1,4-Dichlorobenzene	32.0	4.6	µg/L	51.5	ND	62.2	40-140			
3,3-Dichlorobenzidine	16.2	9.3	µg/L	51.5	ND	31.4	40-140	*		MS-08, R-06
2,4-Dichlorophenol	36.7	9.3	µg/L	51.5	ND	71.3	30-130			
Diethylphthalate	33.6	9.3	µg/L	51.5	ND	65.1	40-140			
2,4-Dimethylphenol	16.3	9.3	µg/L	51.5	ND	31.7	30-130			R-06
Dimethylphthalate	35.0	9.3	µg/L	51.5	ND	68.0	40-140			
4,6-Dinitro-2-methylphenol	35.7	9.3	µg/L	51.5	ND	69.2	30-130			
2,4-Dinitrophenol	35.2	9.3	µg/L	51.5	ND	68.4	30-130			
2,4-Dinitrotoluene	36.4	9.3	µg/L	51.5	ND	70.6	40-140			
2,6-Dinitrotoluene	37.3	9.3	µg/L	51.5	ND	72.3	40-140			
Di-n-octylphthalate	32.9	9.3	µg/L	51.5	ND	63.8	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	35.8	9.3	µg/L	51.5	ND	69.5	40-140			
Fluoranthene	39.5	4.6	µg/L	51.5	ND	76.6	40-140			
Fluorene	34.5	4.6	µg/L	51.5	ND	66.9	40-140			
Hexachlorobenzene	35.7	9.3	µg/L	51.5	ND	69.2	40-140			
Hexachlorobutadiene	34.4	9.3	µg/L	51.5	ND	66.8	40-140			
Hexachlorocyclopentadiene	16.3	9.3	µg/L	51.5	ND	31.5	30-130			
Hexachloroethane	30.6	9.3	µg/L	51.5	ND	59.3	40-140			
Indeno(1,2,3-cd)pyrene	31.0	4.6	µg/L	51.5	ND	60.1	40-140			
Isophorone	37.9	9.3	µg/L	51.5	ND	73.5	40-140			
1-Methylnaphthalene	32.8	4.6	µg/L	51.5	ND	63.6	40-140			
2-Methylnaphthalene	36.3	4.6	µg/L	51.5	ND	70.3	40-140			
2-Methylphenol	30.0	9.3	µg/L	51.5	ND	58.2	30-130			
3/4-Methylphenol	32.1	9.3	µg/L	51.5	ND	62.3	30-130			
Naphthalene	32.8	4.6	µg/L	51.5	ND	63.5	40-140			
2-Nitroaniline	37.1	9.3	µg/L	51.5	ND	72.1	40-140			
3-Nitroaniline	25.6	9.3	µg/L	51.5	ND	49.7	40-140			
4-Nitroaniline	32.6	9.3	µg/L	51.5	ND	63.3	40-140			
Nitrobenzene	35.8	9.3	µg/L	51.5	ND	69.5	40-140			
2-Nitrophenol	33.3	9.3	µg/L	51.5	ND	64.6	30-130			
4-Nitrophenol	26.4	9.3	µg/L	51.5	ND	51.3	30-130			V-20
N-Nitrosodimethylamine	29.2	9.3	µg/L	51.5	ND	56.6	40-140			V-20
N-Nitrosodiphenylamine	46.0	9.3	µg/L	51.5	ND	89.2	40-140			
N-Nitrosodi-n-propylamine	38.8	9.3	µg/L	51.5	ND	75.3	40-140			
Pentachloronitrobenzene	37.2	9.3	µg/L	51.5	ND	72.1	40-140			V-16
Pentachlorophenol	31.2	9.3	µg/L	51.5	ND	60.6	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174209 - SW-846 3510C										
Matrix Spike (B174209-MS1)	Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/18/17						
Phenanthrene	38.3	4.6	µg/L	51.5	ND	74.2	40-140			
Phenol	18.4	9.3	µg/L	51.5	ND	35.8	30-130			
Pyrene	37.1	4.6	µg/L	51.5	ND	71.9	40-140			
Pyridine	18.7	4.6	µg/L	51.5	ND	36.3	* 40-140			MS-08
1,2,4,5-Tetrachlorobenzene	34.1	9.3	µg/L	51.5	ND	66.1	40-140			
1,2,4-Trichlorobenzene	32.5	4.6	µg/L	51.5	ND	63.1	40-140			
2,4,5-Trichlorophenol	37.3	9.3	µg/L	51.5	ND	72.3	30-130			
2,4,6-Trichlorophenol	34.8	9.3	µg/L	51.5	ND	67.4	30-130			
Surrogate: 2-Fluorophenol	97.6		µg/L	208		46.9	15-110			
Surrogate: Phenol-d6	72.4		µg/L	206		35.1	15-110			
Surrogate: Nitrobenzene-d5	77.3		µg/L	103		75.0	30-130			
Surrogate: 2-Fluorobiphenyl	76.1		µg/L	103		73.8	30-130			
Surrogate: 2,4,6-Tribromophenol	170		µg/L	206		82.5	15-110			
Surrogate: p-Terphenyl-d14	72.2		µg/L	103		70.0	30-130			
Matrix Spike Dup (B174209-MSD1)	Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/18/17						
Acenaphthene	36.3	4.6	µg/L	51.5	ND	70.4	40-140	12.9	30	
Acenaphthylene	33.4	4.6	µg/L	51.5	ND	64.9	40-140	8.84	30	
Acetophenone	42.7	9.3	µg/L	51.5	ND	82.8	40-140	9.64	30	
Aniline	22.9	4.6	µg/L	51.5	ND	44.3	40-140	8.33	30	
Anthracene	38.6	4.6	µg/L	51.5	ND	74.9	40-140	9.62	30	
Benzidine	ND	19	µg/L	51.5	ND	*	40-140	NC	30	MS-09, V-04, V-05
Benzo(a)anthracene	38.3	4.6	µg/L	51.5	ND	74.3	40-140	9.49	30	
Benzo(a)pyrene	39.2	4.6	µg/L	51.5	ND	76.0	40-140	10.1	30	
Benzo(b)fluoranthene	39.1	4.6	µg/L	51.5	ND	75.9	40-140	8.45	30	
Benzo(g,h,i)perylene	33.4	4.6	µg/L	51.5	ND	64.9	40-140	9.02	30	
Benzo(k)fluoranthene	39.2	4.6	µg/L	51.5	ND	76.0	40-140	9.97	30	
Benzoic Acid	21.2	9.3	µg/L	51.5	ND	41.2	40-140	7.34	30	
Bis(2-chloroethoxy)methane	39.0	9.3	µg/L	51.5	ND	75.7	40-140	8.01	30	
Bis(2-chloroethyl)ether	43.1	9.3	µg/L	51.5	ND	83.7	40-140	17.7	30	
Bis(2-chloroisopropyl)ether	42.6	9.3	µg/L	51.5	ND	82.7	40-140	10.8	30	
Bis(2-Ethylhexyl)phthalate	33.3	9.3	µg/L	51.5	ND	64.6	40-140	5.67	30	
4-Bromophenylphenylether	39.4	9.3	µg/L	51.5	ND	76.4	40-140	8.09	30	
Butylbenzylphthalate	35.2	9.3	µg/L	51.5	ND	68.3	40-140	6.78	30	
Carbazole	40.3	9.3	µg/L	51.5	ND	78.2	40-140	10.5	30	
4-Chloroaniline	16.6	9.3	µg/L	51.5	ND	32.2	* 40-140	4.37	30	MS-09
4-Chloro-3-methylphenol	39.9	9.3	µg/L	51.5	ND	77.4	30-130	9.00	30	
2-Chloronaphthalene	32.5	9.3	µg/L	51.5	ND	63.0	40-140	0.688	30	
2-Chlorophenol	37.5	9.3	µg/L	51.5	ND	72.7	30-130	12.4	30	
4-Chlorophenylphenylether	36.9	9.3	µg/L	51.5	ND	71.6	40-140	6.59	30	
Chrysene	36.8	4.6	µg/L	51.5	ND	71.4	40-140	8.95	30	
Dibenz(a,h)anthracene	34.6	4.6	µg/L	51.5	ND	67.2	40-140	14.1	30	
Dibenzofuran	38.4	4.6	µg/L	51.5	ND	74.6	40-140	8.63	30	
Di-n-butylphthalate	35.1	9.3	µg/L	51.5	ND	68.1	40-140	6.66	30	
1,2-Dichlorobenzene	37.0	4.6	µg/L	51.5	ND	71.9	40-140	12.9	30	
1,3-Dichlorobenzene	35.7	4.6	µg/L	51.5	ND	69.3	40-140	13.4	30	
1,4-Dichlorobenzene	35.8	4.6	µg/L	51.5	ND	69.4	40-140	11.0	30	
3,3-Dichlorobenzidine	22.5	9.3	µg/L	51.5	ND	43.6	40-140	32.6	* 30	R-06
2,4-Dichlorophenol	39.1	9.3	µg/L	51.5	ND	75.9	30-130	6.31	30	
Diethylphthalate	35.9	9.3	µg/L	51.5	ND	69.7	40-140	6.83	30	
2,4-Dimethylphenol	25.8	9.3	µg/L	51.5	ND	50.0	30-130	44.8	* 30	R-06
Dimethylphthalate	37.8	9.3	µg/L	51.5	ND	73.4	40-140	7.59	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174209 - SW-846 3510C										
Matrix Spike Dup (B174209-MSD1)	Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/18/17						
4,6-Dinitro-2-methylphenol	39.3	9.3	µg/L	51.5	ND	76.2	30-130	9.55	30	
2,4-Dinitrophenol	36.6	9.3	µg/L	51.5	ND	71.0	30-130	3.82	30	
2,4-Dinitrotoluene	39.1	9.3	µg/L	51.5	ND	75.8	40-140	7.08	30	
2,6-Dinitrotoluene	39.9	9.3	µg/L	51.5	ND	77.3	40-140	6.76	30	
Di-n-octylphthalate	35.2	9.3	µg/L	51.5	ND	68.3	40-140	6.79	30	
1,2-Diphenylhydrazine (as Azobenzene)	39.5	9.3	µg/L	51.5	ND	76.7	40-140	9.75	30	
Fluoranthene	44.2	4.6	µg/L	51.5	ND	85.7	40-140	11.2	30	
Fluorene	37.2	4.6	µg/L	51.5	ND	72.2	40-140	7.61	30	
Hexachlorobenzene	39.7	9.3	µg/L	51.5	ND	77.1	40-140	10.8	30	
Hexachlorobutadiene	37.8	9.3	µg/L	51.5	ND	73.3	40-140	9.28	30	
Hexachlorocyclopentadiene	17.7	9.3	µg/L	51.5	ND	34.4	30-130	8.73	30	
Hexachloroethane	34.6	9.3	µg/L	51.5	ND	67.0	40-140	12.3	30	
Indeno(1,2,3-cd)pyrene	34.7	4.6	µg/L	51.5	ND	67.2	40-140	11.2	30	
Isophorone	40.3	9.3	µg/L	51.5	ND	78.2	40-140	6.19	30	
1-Methylnaphthalene	35.4	4.6	µg/L	51.5	ND	68.6	40-140	7.65	30	
2-Methylnaphthalene	38.9	4.6	µg/L	51.5	ND	75.4	40-140	7.01	30	
2-Methylphenol	34.9	9.3	µg/L	51.5	ND	67.7	30-130	15.0	30	
3/4-Methylphenol	35.3	9.3	µg/L	51.5	ND	68.6	30-130	9.57	30	
Naphthalene	36.1	4.6	µg/L	51.5	ND	70.1	40-140	9.83	30	
2-Nitroaniline	40.2	9.3	µg/L	51.5	ND	78.1	40-140	8.01	30	
3-Nitroaniline	24.7	9.3	µg/L	51.5	ND	47.9	40-140	3.65	30	
4-Nitroaniline	35.8	9.3	µg/L	51.5	ND	69.4	40-140	9.14	30	
Nitrobenzene	39.2	9.3	µg/L	51.5	ND	76.0	40-140	8.98	30	
2-Nitrophenol	37.2	9.3	µg/L	51.5	ND	72.1	30-130	11.0	30	
4-Nitrophenol	28.3	9.3	µg/L	51.5	ND	54.9	30-130	6.85	30	V-20
N-Nitrosodimethylamine	34.0	9.3	µg/L	51.5	ND	65.9	40-140	15.1	30	V-20
N-Nitrosodiphenylamine	52.3	9.3	µg/L	51.5	ND	102	40-140	13.0	30	
N-Nitrosodi-n-propylamine	42.8	9.3	µg/L	51.5	ND	83.0	40-140	9.78	30	
Pentachloronitrobenzene	39.9	9.3	µg/L	51.5	ND	77.3	40-140	6.99	30	V-16
Pentachlorophenol	33.4	9.3	µg/L	51.5	ND	64.9	30-130	6.77	30	
Phenanthrene	43.0	4.6	µg/L	51.5	ND	83.3	40-140	11.6	30	
Phenol	20.1	9.3	µg/L	51.5	ND	39.0	30-130	8.62	30	
Pyrene	40.4	4.6	µg/L	51.5	ND	78.3	40-140	8.49	30	
Pyridine	24.3	4.6	µg/L	51.5	ND	47.1	40-140	26.0	30	
1,2,4,5-Tetrachlorobenzene	37.0	9.3	µg/L	51.5	ND	71.7	40-140	8.15	30	
1,2,4-Trichlorobenzene	35.6	4.6	µg/L	51.5	ND	69.0	40-140	8.97	30	
2,4,5-Trichlorophenol	39.9	9.3	µg/L	51.5	ND	77.5	30-130	6.85	30	
2,4,6-Trichlorophenol	37.8	9.3	µg/L	51.5	ND	73.3	30-130	8.29	30	
Surrogate: 2-Fluorophenol	109		µg/L	208		52.4	15-110			
Surrogate: Phenol-d6	77.9		µg/L	206		37.8	15-110			
Surrogate: Nitrobenzene-d5	84.4		µg/L	103		81.8	30-130			
Surrogate: 2-Fluorobiphenyl	81.8		µg/L	103		79.3	30-130			
Surrogate: 2,4,6-Tribromophenol	182		µg/L	206		88.1	15-110			
Surrogate: p-Terphenyl-d14	72.3		µg/L	103		70.1	30-130			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B174262 - SW-846 3510C

Blank (B174262-BLK1)

Prepared: 04/11/17 Analyzed: 04/20/17

alpha-Chlordane	ND	0.050	µg/L							
alpha-Chlordane [2C]	ND	0.050	µg/L							
gamma-Chlordane	ND	0.050	µg/L							
gamma-Chlordane [2C]	ND	0.050	µg/L							
Alachlor	ND	0.20	µg/L							
Alachlor [2C]	ND	0.20	µg/L							
Aldrin	ND	0.050	µg/L							
Aldrin [2C]	ND	0.050	µg/L							
alpha-BHC	ND	0.050	µg/L							
alpha-BHC [2C]	ND	0.050	µg/L							
beta-BHC	ND	0.050	µg/L							
beta-BHC [2C]	ND	0.050	µg/L							
delta-BHC	ND	0.050	µg/L							
delta-BHC [2C]	ND	0.050	µg/L							
gamma-BHC (Lindane)	ND	0.030	µg/L							
gamma-BHC (Lindane) [2C]	ND	0.030	µg/L							
Chlordane	ND	0.20	µg/L							
Chlordane [2C]	ND	0.20	µg/L							
4,4'-DDD	ND	0.040	µg/L							
4,4'-DDD [2C]	ND	0.040	µg/L							
4,4'-DDE	ND	0.040	µg/L							
4,4'-DDE [2C]	ND	0.040	µg/L							
4,4'-DDT	ND	0.040	µg/L							
4,4'-DDT [2C]	ND	0.040	µg/L							
Dieldrin	ND	0.0020	µg/L							
Dieldrin [2C]	ND	0.0020	µg/L							
Endosulfan I	ND	0.050	µg/L							
Endosulfan I [2C]	ND	0.050	µg/L							
Endosulfan II	ND	0.080	µg/L							
Endosulfan II [2C]	ND	0.080	µg/L							
Endosulfan Sulfate	ND	0.080	µg/L							
Endosulfan Sulfate [2C]	ND	0.080	µg/L							
Endrin	ND	0.080	µg/L							
Endrin [2C]	ND	0.080	µg/L							
Endrin Aldehyde	ND	0.080	µg/L							
Endrin Aldehyde [2C]	ND	0.080	µg/L							
Endrin Ketone	ND	0.080	µg/L							
Endrin Ketone [2C]	ND	0.080	µg/L							
Heptachlor	ND	0.050	µg/L							
Heptachlor [2C]	ND	0.050	µg/L							
Heptachlor Epoxide	ND	0.050	µg/L							
Heptachlor Epoxide [2C]	ND	0.050	µg/L							
Hexachlorobenzene	ND	0.050	µg/L							
Hexachlorobenzene [2C]	ND	0.050	µg/L							
Methoxychlor	ND	0.50	µg/L							
Methoxychlor [2C]	ND	0.50	µg/L							
Toxaphene	ND	1.0	µg/L							
Toxaphene [2C]	ND	1.0	µg/L							
Surrogate: Decachlorobiphenyl	1.93		µg/L	2.00		96.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.52		µg/L	2.00		76.0	30-150			
Surrogate: Tetrachloro-m-xylene	1.61		µg/L	2.00		80.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.21		µg/L	2.00		60.7	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174262 - SW-846 3510C										
LCS (B174262-BS1)										
					Prepared: 04/11/17 Analyzed: 04/21/17					
Alachlor	1.1	0.20	µg/L	1.00		109	40-140			
Alachlor [2C]	0.90	0.20	µg/L	1.00		90.4	40-140			
Aldrin	0.94	0.050	µg/L	1.00		93.6	40-140			
Aldrin [2C]	0.74	0.050	µg/L	1.00		74.2	40-140			
alpha-BHC	0.93	0.050	µg/L	1.00		93.4	40-140			
alpha-BHC [2C]	0.79	0.050	µg/L	1.00		78.6	40-140			
beta-BHC	0.95	0.050	µg/L	1.00		95.4	40-140			
beta-BHC [2C]	0.78	0.050	µg/L	1.00		78.5	40-140			
delta-BHC	1.0	0.050	µg/L	1.00		101	40-140			
delta-BHC [2C]	0.79	0.050	µg/L	1.00		78.6	40-140			
gamma-BHC (Lindane)	0.97	0.030	µg/L	1.00		96.8	40-140			
gamma-BHC (Lindane) [2C]	0.78	0.030	µg/L	1.00		77.9	40-140			
4,4'-DDD	1.1	0.040	µg/L	1.00		108	40-140			
4,4'-DDD [2C]	0.86	0.040	µg/L	1.00		85.5	40-140			
4,4'-DDE	1.0	0.040	µg/L	1.00		102	40-140			
4,4'-DDE [2C]	0.81	0.040	µg/L	1.00		81.4	40-140			
4,4'-DDT	1.1	0.040	µg/L	1.00		106	40-140			
4,4'-DDT [2C]	0.84	0.040	µg/L	1.00		84.5	40-140			
Dieldrin	1.0	0.0020	µg/L	1.00		101	40-140			
Dieldrin [2C]	0.79	0.0020	µg/L	1.00		78.5	40-140			
Endosulfan I	0.94	0.050	µg/L	1.00		93.6	40-140			
Endosulfan I [2C]	0.78	0.050	µg/L	1.00		78.0	40-140			
Endosulfan II	0.97	0.080	µg/L	1.00		96.9	40-140			
Endosulfan II [2C]	0.82	0.080	µg/L	1.00		82.2	40-140			
Endosulfan Sulfate	1.1	0.080	µg/L	1.00		106	40-140			
Endosulfan Sulfate [2C]	0.82	0.080	µg/L	1.00		82.3	40-140			
Endrin	0.95	0.080	µg/L	1.00		94.9	40-140			
Endrin [2C]	0.80	0.080	µg/L	1.00		80.2	40-140			
Endrin Aldehyde	1.0	0.080	µg/L	1.00		100	40-140			
Endrin Aldehyde [2C]	0.83	0.080	µg/L	1.00		82.9	40-140			
Endrin Ketone	1.0	0.080	µg/L	1.00		104	40-140			
Endrin Ketone [2C]	0.82	0.080	µg/L	1.00		81.7	40-140			
Heptachlor	0.93	0.050	µg/L	1.00		93.0	40-140			
Heptachlor [2C]	0.75	0.050	µg/L	1.00		74.7	40-140			
Heptachlor Epoxide	0.95	0.050	µg/L	1.00		95.3	40-140			
Heptachlor Epoxide [2C]	0.79	0.050	µg/L	1.00		78.9	40-140			
Hexachlorobenzene	0.95	0.050	µg/L	1.00		95.0	40-140			
Hexachlorobenzene [2C]	0.79	0.050	µg/L	1.00		79.3	40-140			
Methoxychlor	1.1	0.50	µg/L	1.00		108	40-140			
Methoxychlor [2C]	0.90	0.50	µg/L	1.00		90.4	40-140			
Surrogate: Decachlorobiphenyl	2.10		µg/L	2.00		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.65		µg/L	2.00		82.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.70		µg/L	2.00		85.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.35		µg/L	2.00		67.7	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174262 - SW-846 3510C										
LCS Dup (B174262-BSD1)										
					Prepared: 04/11/17 Analyzed: 04/21/17					
Alachlor	1.0	0.20	µg/L	1.00		102	40-140	6.24	20	
Alachlor [2C]	0.87	0.20	µg/L	1.00		87.3	40-140	3.45	20	
Aldrin	0.87	0.050	µg/L	1.00		87.4	40-140	6.84	20	
Aldrin [2C]	0.71	0.050	µg/L	1.00		71.1	40-140	4.27	20	
alpha-BHC	0.86	0.050	µg/L	1.00		86.0	40-140	8.21	20	
alpha-BHC [2C]	0.77	0.050	µg/L	1.00		77.0	40-140	2.06	20	
beta-BHC	0.88	0.050	µg/L	1.00		88.4	40-140	7.61	20	
beta-BHC [2C]	0.76	0.050	µg/L	1.00		76.1	40-140	3.02	20	
delta-BHC	0.94	0.050	µg/L	1.00		94.1	40-140	6.59	20	
delta-BHC [2C]	0.77	0.050	µg/L	1.00		77.4	40-140	1.55	20	
gamma-BHC (Lindane)	0.89	0.030	µg/L	1.00		89.0	40-140	8.38	20	
gamma-BHC (Lindane) [2C]	0.75	0.030	µg/L	1.00		75.4	40-140	3.24	20	
4,4'-DDD	1.0	0.040	µg/L	1.00		102	40-140	5.79	20	
4,4'-DDD [2C]	0.83	0.040	µg/L	1.00		82.9	40-140	3.12	20	
4,4'-DDE	0.97	0.040	µg/L	1.00		97.1	40-140	4.78	20	
4,4'-DDE [2C]	0.78	0.040	µg/L	1.00		78.3	40-140	3.82	20	
4,4'-DDT	1.0	0.040	µg/L	1.00		100	40-140	5.21	20	
4,4'-DDT [2C]	0.81	0.040	µg/L	1.00		81.1	40-140	4.11	20	
Dieldrin	0.96	0.0020	µg/L	1.00		96.5	40-140	4.83	20	
Dieldrin [2C]	0.75	0.0020	µg/L	1.00		75.3	40-140	4.17	20	
Endosulfan I	0.88	0.050	µg/L	1.00		88.4	40-140	5.72	20	
Endosulfan I [2C]	0.75	0.050	µg/L	1.00		74.7	40-140	4.39	20	
Endosulfan II	0.92	0.080	µg/L	1.00		92.2	40-140	4.97	20	
Endosulfan II [2C]	0.79	0.080	µg/L	1.00		79.1	40-140	3.82	20	
Endosulfan Sulfate	1.0	0.080	µg/L	1.00		102	40-140	4.22	20	
Endosulfan Sulfate [2C]	0.79	0.080	µg/L	1.00		79.3	40-140	3.75	20	
Endrin	0.91	0.080	µg/L	1.00		90.9	40-140	4.27	20	
Endrin [2C]	0.78	0.080	µg/L	1.00		78.1	40-140	2.55	20	
Endrin Aldehyde	0.96	0.080	µg/L	1.00		95.8	40-140	4.81	20	
Endrin Aldehyde [2C]	0.79	0.080	µg/L	1.00		79.0	40-140	4.83	20	
Endrin Ketone	0.98	0.080	µg/L	1.00		98.4	40-140	5.72	20	
Endrin Ketone [2C]	0.77	0.080	µg/L	1.00		77.5	40-140	5.40	20	
Heptachlor	0.87	0.050	µg/L	1.00		87.1	40-140	6.48	20	
Heptachlor [2C]	0.72	0.050	µg/L	1.00		72.4	40-140	3.19	20	
Heptachlor Epoxide	0.90	0.050	µg/L	1.00		90.3	40-140	5.38	20	
Heptachlor Epoxide [2C]	0.76	0.050	µg/L	1.00		75.6	40-140	4.29	20	
Hexachlorobenzene	0.88	0.050	µg/L	1.00		87.7	40-140	7.93	20	
Hexachlorobenzene [2C]	0.78	0.050	µg/L	1.00		77.8	40-140	1.94	20	
Methoxychlor	1.0	0.50	µg/L	1.00		104	40-140	4.40	20	
Methoxychlor [2C]	0.88	0.50	µg/L	1.00		87.5	40-140	3.21	20	
Surrogate: Decachlorobiphenyl	1.94		µg/L	2.00		97.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.55		µg/L	2.00		77.6	30-150			
Surrogate: Tetrachloro-m-xylene	1.58		µg/L	2.00		79.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.35		µg/L	2.00		67.3	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174262 - SW-846 3510C										
Matrix Spike (B174262-MS1)	Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/21/17						
Alachlor	1.0	0.20	µg/L	1.00	ND	104	30-150			
Alachlor [2C]	0.88	0.20	µg/L	1.00	ND	88.5	30-150			
Aldrin	0.82	0.050	µg/L	1.00	ND	81.6	30-150			
Aldrin [2C]	0.68	0.050	µg/L	1.00	ND	67.5	30-150			
alpha-BHC	0.80	0.050	µg/L	1.00	ND	79.5	30-150			
alpha-BHC [2C]	0.70	0.050	µg/L	1.00	ND	69.8	30-150			
beta-BHC	0.76	0.050	µg/L	1.00	ND	75.5	30-150			
beta-BHC [2C]	0.71	0.050	µg/L	1.00	ND	71.1	30-150			
delta-BHC	0.90	0.050	µg/L	1.00	ND	89.5	30-150			
delta-BHC [2C]	0.74	0.050	µg/L	1.00	ND	74.3	30-150			
gamma-BHC (Lindane)	0.83	0.030	µg/L	1.00	ND	83.4	30-150			
gamma-BHC (Lindane) [2C]	0.71	0.030	µg/L	1.00	ND	70.7	30-150			
4,4'-DDD	0.97	0.040	µg/L	1.00	ND	97.0	30-150			
4,4'-DDD [2C]	0.81	0.040	µg/L	1.00	ND	81.5	30-150			
4,4'-DDE	0.91	0.040	µg/L	1.00	ND	91.0	30-150			
4,4'-DDE [2C]	0.75	0.040	µg/L	1.00	ND	74.8	30-150			
4,4'-DDT	0.95	0.040	µg/L	1.00	ND	95.2	30-150			
4,4'-DDT [2C]	0.80	0.040	µg/L	1.00	ND	80.4	30-150			
Dieldrin	0.92	0.0020	µg/L	1.00	ND	91.6	30-150			
Dieldrin [2C]	0.75	0.0020	µg/L	1.00	ND	75.0	30-150			
Endosulfan I	0.85	0.050	µg/L	1.00	ND	84.6	30-150			
Endosulfan I [2C]	0.73	0.050	µg/L	1.00	ND	72.9	30-150			
Endosulfan II	0.88	0.080	µg/L	1.00	ND	88.0	30-150			
Endosulfan II [2C]	0.78	0.080	µg/L	1.00	ND	78.5	30-150			
Endosulfan Sulfate	1.0	0.080	µg/L	1.00	ND	103	30-150			
Endosulfan Sulfate [2C]	0.80	0.080	µg/L	1.00	ND	79.6	30-150			
Endrin	0.92	0.080	µg/L	1.00	ND	91.8	30-150			
Endrin [2C]	0.82	0.080	µg/L	1.00	ND	81.5	30-150			
Endrin Aldehyde	0.89	0.080	µg/L	1.00	ND	88.8	30-150			
Endrin Aldehyde [2C]	0.78	0.080	µg/L	1.00	ND	78.5	30-150			
Endrin Ketone	0.94	0.080	µg/L	1.00	ND	94.1	30-150			
Endrin Ketone [2C]	0.80	0.080	µg/L	1.00	ND	79.7	30-150			
Heptachlor	0.81	0.050	µg/L	1.00	ND	81.3	30-150			
Heptachlor [2C]	0.69	0.050	µg/L	1.00	ND	69.3	30-150			
Heptachlor Epoxide	0.86	0.050	µg/L	1.00	ND	85.6	30-150			
Heptachlor Epoxide [2C]	0.74	0.050	µg/L	1.00	ND	74.2	30-150			
Hexachlorobenzene	0.81	0.050	µg/L	1.00	ND	81.0	30-150			
Hexachlorobenzene [2C]	0.71	0.050	µg/L	1.00	ND	70.9	30-150			
Methoxychlor	1.0	0.50	µg/L	1.00	ND	101	30-150			
Methoxychlor [2C]	1.0	0.50	µg/L	1.00	ND	101	30-150			
Surrogate: Decachlorobiphenyl	1.88		µg/L	2.00		93.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.53		µg/L	2.00		76.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.42		µg/L	2.00		70.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.24		µg/L	2.00		62.1	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174262 - SW-846 3510C										
Matrix Spike Dup (B174262-MSD1)	Source: 17D0319-06			Prepared: 04/11/17 Analyzed: 04/21/17						
Alachlor	1.0	0.20	µg/L	1.00	ND	105	30-150	0.975	30	
Alachlor [2C]	0.86	0.20	µg/L	1.00	ND	86.4	30-150	2.32	30	
Aldrin	0.82	0.050	µg/L	1.00	ND	82.0	30-150	0.433	30	
Aldrin [2C]	0.66	0.050	µg/L	1.00	ND	66.2	30-150	1.91	30	
alpha-BHC	0.78	0.050	µg/L	1.00	ND	78.0	30-150	1.89	30	
alpha-BHC [2C]	0.67	0.050	µg/L	1.00	ND	67.0	30-150	4.16	30	
beta-BHC	0.75	0.050	µg/L	1.00	ND	74.9	30-150	0.855	30	
beta-BHC [2C]	0.69	0.050	µg/L	1.00	ND	69.2	30-150	2.62	30	
delta-BHC	0.89	0.050	µg/L	1.00	ND	89.4	30-150	0.116	30	
delta-BHC [2C]	0.73	0.050	µg/L	1.00	ND	72.7	30-150	2.19	30	
gamma-BHC (Lindane)	0.82	0.030	µg/L	1.00	ND	82.5	30-150	1.06	30	
gamma-BHC (Lindane) [2C]	0.69	0.030	µg/L	1.00	ND	68.7	30-150	2.97	30	
4,4'-DDD	0.98	0.040	µg/L	1.00	ND	98.3	30-150	1.33	30	
4,4'-DDD [2C]	0.80	0.040	µg/L	1.00	ND	80.4	30-150	1.32	30	
4,4'-DDE	0.92	0.040	µg/L	1.00	ND	91.9	30-150	0.955	30	
4,4'-DDE [2C]	0.74	0.040	µg/L	1.00	ND	73.7	30-150	1.39	30	
4,4'-DDT	0.97	0.040	µg/L	1.00	ND	96.6	30-150	1.48	30	
4,4'-DDT [2C]	0.79	0.040	µg/L	1.00	ND	79.1	30-150	1.60	30	
Dieldrin	0.92	0.0020	µg/L	1.00	ND	92.0	30-150	0.485	30	
Dieldrin [2C]	0.74	0.0020	µg/L	1.00	ND	74.0	30-150	1.35	30	
Endosulfan I	0.85	0.050	µg/L	1.00	ND	84.9	30-150	0.315	30	
Endosulfan I [2C]	0.71	0.050	µg/L	1.00	ND	71.4	30-150	2.06	30	
Endosulfan II	0.89	0.080	µg/L	1.00	ND	88.9	30-150	0.979	30	
Endosulfan II [2C]	0.77	0.080	µg/L	1.00	ND	77.3	30-150	1.54	30	
Endosulfan Sulfate	1.0	0.080	µg/L	1.00	ND	104	30-150	1.21	30	
Endosulfan Sulfate [2C]	0.79	0.080	µg/L	1.00	ND	78.5	30-150	1.28	30	
Endrin	0.93	0.080	µg/L	1.00	ND	92.6	30-150	0.862	30	
Endrin [2C]	0.80	0.080	µg/L	1.00	ND	80.3	30-150	1.49	30	
Endrin Aldehyde	0.90	0.080	µg/L	1.00	ND	89.7	30-150	1.00	30	
Endrin Aldehyde [2C]	0.77	0.080	µg/L	1.00	ND	77.3	30-150	1.50	30	
Endrin Ketone	0.96	0.080	µg/L	1.00	ND	95.6	30-150	1.61	30	
Endrin Ketone [2C]	0.79	0.080	µg/L	1.00	ND	78.6	30-150	1.40	30	
Heptachlor	0.81	0.050	µg/L	1.00	ND	80.9	30-150	0.386	30	
Heptachlor [2C]	0.68	0.050	µg/L	1.00	ND	67.8	30-150	2.18	30	
Heptachlor Epoxide	0.85	0.050	µg/L	1.00	ND	85.3	30-150	0.284	30	
Heptachlor Epoxide [2C]	0.73	0.050	µg/L	1.00	ND	72.9	30-150	1.78	30	
Hexachlorobenzene	0.80	0.050	µg/L	1.00	ND	80.0	30-150	1.25	30	
Hexachlorobenzene [2C]	0.68	0.050	µg/L	1.00	ND	68.1	30-150	4.03	30	
Methoxychlor	1.0	0.50	µg/L	1.00	ND	103	30-150	1.38	30	
Methoxychlor [2C]	1.0	0.50	µg/L	1.00	ND	100	30-150	1.02	30	
Surrogate: Decachlorobiphenyl	1.94		µg/L	2.00		96.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.51		µg/L	2.00		75.7	30-150			
Surrogate: Tetrachloro-m-xylene	1.50		µg/L	2.00		75.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.19		µg/L	2.00		59.5	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174261 - SW-846 3510C										
Blank (B174261-BLK1)										
Prepared: 04/11/17 Analyzed: 04/16/17										
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	1.69		µg/L	2.00		84.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.68		µg/L	2.00		84.1	30-150			
Surrogate: Tetrachloro-m-xylene	1.42		µg/L	2.00		71.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.52		µg/L	2.00		76.1	30-150			
LCS (B174261-BS1)										
Prepared: 04/11/17 Analyzed: 04/16/17										
Aroclor-1016	0.46	0.20	µg/L	0.500		92.2	40-140			
Aroclor-1016 [2C]	0.45	0.20	µg/L	0.500		90.6	40-140			
Aroclor-1260	0.39	0.20	µg/L	0.500		77.8	40-140			
Aroclor-1260 [2C]	0.43	0.20	µg/L	0.500		85.8	40-140			
Surrogate: Decachlorobiphenyl	1.63		µg/L	2.00		81.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.65		µg/L	2.00		82.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.43		µg/L	2.00		71.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.53		µg/L	2.00		76.6	30-150			
LCS Dup (B174261-BSD1)										
Prepared: 04/11/17 Analyzed: 04/16/17										
Aroclor-1016	0.44	0.20	µg/L	0.500		87.3	40-140	5.39	20	
Aroclor-1016 [2C]	0.43	0.20	µg/L	0.500		86.9	40-140	4.26	20	
Aroclor-1260	0.40	0.20	µg/L	0.500		80.2	40-140	2.94	20	
Aroclor-1260 [2C]	0.45	0.20	µg/L	0.500		89.6	40-140	4.29	20	
Surrogate: Decachlorobiphenyl	1.71		µg/L	2.00		85.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.71		µg/L	2.00		85.7	30-150			
Surrogate: Tetrachloro-m-xylene	1.30		µg/L	2.00		64.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.39		µg/L	2.00		69.6	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B174261 - SW-846 3510C

Matrix Spike (B174261-MS1)

Source: 17D0319-06

Prepared: 04/11/17 Analyzed: 04/16/17

Aroclor-1016	0.45	0.20	µg/L	0.500	ND	89.3	40-140			
Aroclor-1016 [2C]	0.49	0.20	µg/L	0.500	ND	98.2	40-140			
Aroclor-1260	0.40	0.20	µg/L	0.500	ND	80.9	40-140			
Aroclor-1260 [2C]	0.43	0.20	µg/L	0.500	ND	85.8	40-140			
Surrogate: Decachlorobiphenyl	1.72		µg/L	2.00		85.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.67		µg/L	2.00		83.6	30-150			
Surrogate: Tetrachloro-m-xylene	1.48		µg/L	2.00		74.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.52		µg/L	2.00		76.0	30-150			

Matrix Spike Dup (B174261-MSD1)

Source: 17D0319-06

Prepared: 04/11/17 Analyzed: 04/16/17

Aroclor-1016	0.39	0.20	µg/L	0.500	ND	77.6	40-140	14.0	50	
Aroclor-1016 [2C]	0.43	0.20	µg/L	0.500	ND	85.1	40-140	14.3	50	
Aroclor-1260	0.37	0.20	µg/L	0.500	ND	73.3	40-140	9.87	50	
Aroclor-1260 [2C]	0.40	0.20	µg/L	0.500	ND	79.1	40-140	8.05	50	
Surrogate: Decachlorobiphenyl	1.52		µg/L	2.00		76.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.48		µg/L	2.00		74.2	30-150			
Surrogate: Tetrachloro-m-xylene	1.30		µg/L	2.00		64.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.36		µg/L	2.00		67.8	30-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174137 - SW-846 7470A Prep										
Blank (B174137-BLK1)				Prepared: 04/10/17 Analyzed: 04/11/17						
Mercury	ND	0.00010	mg/L							
LCS (B174137-BS1)				Prepared: 04/10/17 Analyzed: 04/11/17						
Mercury	0.00195	0.00010	mg/L	0.00200		97.6	80-120			
LCS Dup (B174137-BSD1)				Prepared: 04/10/17 Analyzed: 04/11/17						
Mercury	0.00200	0.00010	mg/L	0.00200		100	80-120	2.65	20	
Duplicate (B174137-DUP1)				Source: 17D0319-06			Prepared: 04/10/17 Analyzed: 04/11/17			
Mercury	ND	0.00010	mg/L		ND			NC	20	
Matrix Spike (B174137-MS1)				Source: 17D0319-06			Prepared: 04/10/17 Analyzed: 04/11/17			
Mercury	0.00200	0.00010	mg/L	0.00200	ND	99.9	75-125			
Matrix Spike Dup (B174137-MSD1)				Source: 17D0319-06			Prepared: 04/10/17 Analyzed: 04/11/17			
Mercury	0.00196	0.00010	mg/L	0.00200	ND	98.1	75-125	1.80	20	
Batch B174158 - SW-846 3005A										
Blank (B174158-BLK1)				Prepared & Analyzed: 04/11/17						
Aluminum	ND	0.050	mg/L							
Antimony	ND	0.050	mg/L							
Arsenic	ND	0.010	mg/L							
Barium	ND	0.050	mg/L							
Beryllium	ND	0.0040	mg/L							
Cadmium	ND	0.0040	mg/L							
Calcium	ND	0.15	mg/L							
Chromium	ND	0.010	mg/L							
Cobalt	ND	0.050	mg/L							
Copper	ND	0.010	mg/L							
Iron	ND	0.050	mg/L							
Lead	ND	0.010	mg/L							
Magnesium	ND	0.15	mg/L							
Manganese	ND	0.010	mg/L							
Nickel	ND	0.010	mg/L							
Potassium	ND	2.0	mg/L							
Selenium	ND	0.050	mg/L							
Silver	ND	0.0050	mg/L							
Sodium	ND	2.0	mg/L							
Thallium	ND	0.050	mg/L							
Vanadium	ND	0.010	mg/L							
Zinc	ND	0.020	mg/L							

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B174158 - SW-846 3005A

LCS (B174158-BS1)

Prepared & Analyzed: 04/11/17

Silver	0.483	0.0050	mg/L	0.500		96.5	80-120			
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LCS (B174158-BS2)

Prepared & Analyzed: 04/11/17

Aluminum	1.86	0.050	mg/L	2.00		92.9	80-120			
Antimony	1.87	0.050	mg/L	2.00		93.3	80-120			
Arsenic	1.86	0.010	mg/L	2.00		93.0	80-120			
Barium	1.90	0.050	mg/L	2.00		95.2	80-120			
Beryllium	1.87	0.0040	mg/L	2.00		93.5	80-120			
Cadmium	1.92	0.0040	mg/L	2.00		95.8	80-120			
Calcium	2.09	0.15	mg/L	2.00		105	80-120			
Chromium	1.90	0.010	mg/L	2.00		94.9	80-120			
Cobalt	1.90	0.050	mg/L	2.00		95.1	80-120			
Copper	1.90	0.010	mg/L	2.00		95.0	80-120			
Iron	1.91	0.050	mg/L	2.00		95.7	80-120			
Lead	1.88	0.010	mg/L	2.00		93.9	80-120			
Magnesium	2.08	0.15	mg/L	2.00		104	80-120			
Manganese	1.91	0.010	mg/L	2.00		95.3	80-120			
Nickel	1.91	0.010	mg/L	2.00		95.3	80-120			
Potassium	19.9	2.0	mg/L	20.0		99.6	80-120			
Selenium	1.86	0.050	mg/L	2.00		92.9	80-120			
Sodium	1.84	2.0	mg/L	2.00		91.9	80-120			
Thallium	1.84	0.050	mg/L	2.00		92.1	80-120			
Vanadium	1.92	0.010	mg/L	2.00		95.8	80-120			
Zinc	1.92	0.020	mg/L	2.00		95.8	80-120			

LCS Dup (B174158-BSD1)

Prepared & Analyzed: 04/11/17

Silver	0.499	0.0050	mg/L	0.500		99.7	80-120	3.23	20	
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LCS Dup (B174158-BSD2)

Prepared & Analyzed: 04/11/17

Aluminum	1.68	0.050	mg/L	2.00		83.8	80-120	10.4	20	
Antimony	1.68	0.050	mg/L	2.00		83.9	80-120	10.6	20	
Arsenic	1.69	0.010	mg/L	2.00		84.7	80-120	9.35	20	
Barium	1.70	0.050	mg/L	2.00		84.8	80-120	11.5	20	
Beryllium	1.71	0.0040	mg/L	2.00		85.5	80-120	9.01	20	
Cadmium	1.71	0.0040	mg/L	2.00		85.4	80-120	11.5	20	
Calcium	1.86	0.15	mg/L	2.00		93.1	80-120	11.8	20	
Chromium	1.69	0.010	mg/L	2.00		84.6	80-120	11.5	20	
Cobalt	1.68	0.050	mg/L	2.00		84.1	80-120	12.2	20	
Copper	1.70	0.010	mg/L	2.00		84.9	80-120	11.3	20	
Iron	1.71	0.050	mg/L	2.00		85.7	80-120	11.0	20	
Lead	1.67	0.010	mg/L	2.00		83.4	80-120	12.0	20	
Magnesium	1.87	0.15	mg/L	2.00		93.3	80-120	10.9	20	
Manganese	1.71	0.010	mg/L	2.00		85.3	80-120	11.0	20	
Nickel	1.70	0.010	mg/L	2.00		85.0	80-120	11.4	20	
Potassium	18.2	2.0	mg/L	20.0		91.0	80-120	9.05	20	
Selenium	1.70	0.050	mg/L	2.00		85.2	80-120	8.66	20	
Sodium	1.89	2.0	mg/L	2.00		94.3	80-120	2.59	20	
Thallium	1.61	0.050	mg/L	2.00		80.4	80-120	13.6	20	
Vanadium	1.71	0.010	mg/L	2.00		85.6	80-120	11.3	20	
Zinc	1.70	0.020	mg/L	2.00		85.1	80-120	11.8	20	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174158 - SW-846 3005A										
Duplicate (B174158-DUP1)		Source: 17D0319-06			Prepared & Analyzed: 04/11/17					
Aluminum	0.0659	0.050	mg/L		0.0610			7.85	20	
Antimony	ND	0.050	mg/L		ND			NC	20	
Arsenic	ND	0.010	mg/L		0.0131			NC	20	R-04
Barium	0.0593	0.050	mg/L		0.0616			3.71	20	
Beryllium	ND	0.0040	mg/L		ND			NC	20	
Cadmium	ND	0.0040	mg/L		ND			NC	20	
Calcium	108	0.15	mg/L		115			6.63	20	
Chromium	ND	0.010	mg/L		ND			NC	20	
Cobalt	ND	0.050	mg/L		ND			NC	20	
Copper	ND	0.010	mg/L		ND			NC	20	R-04
Iron	1.03	0.050	mg/L		1.01			1.74	20	
Lead	ND	0.010	mg/L		ND			NC	20	
Magnesium	45.0	0.15	mg/L		48.1			6.72	20	
Manganese	0.205	0.010	mg/L		0.216			5.17	20	
Nickel	ND	0.010	mg/L		ND			NC	20	
Potassium	2.57	2.0	mg/L		2.74			6.27	20	
Selenium	ND	0.050	mg/L		ND			NC	20	
Silver	ND	0.0050	mg/L		ND			NC	20	
Sodium	46.2	2.0	mg/L		45.9			0.470	20	
Thallium	ND	0.050	mg/L		ND			NC	20	
Vanadium	ND	0.010	mg/L		0.0121			NC	20	R-04
Zinc	ND	0.020	mg/L		ND			NC	20	
Matrix Spike (B174158-MS1)										
		Source: 17D0319-06			Prepared & Analyzed: 04/11/17					
Silver	0.431	0.0050	mg/L	0.500	ND	86.2		75-125		
Matrix Spike (B174158-MS2)										
		Source: 17D0319-06			Prepared & Analyzed: 04/11/17					
Aluminum	2.01	0.050	mg/L	2.00	0.0610	97.4		75-125		
Antimony	1.97	0.050	mg/L	2.00	ND	98.7		75-125		
Arsenic	1.96	0.010	mg/L	2.00	0.0131	97.4		75-125		
Barium	1.92	0.050	mg/L	2.00	0.0616	92.8		75-125		
Beryllium	2.00	0.0040	mg/L	2.00	ND	99.9		75-125		
Cadmium	1.91	0.0040	mg/L	2.00	ND	95.4		75-125		
Calcium	125	0.15	mg/L	2.00	115	473	*	75-125		MS-19
Chromium	1.88	0.010	mg/L	2.00	ND	93.9		75-125		
Cobalt	1.80	0.050	mg/L	2.00	ND	90.1		75-125		
Copper	1.86	0.010	mg/L	2.00	0.00248	92.9		75-125		
Iron	3.10	0.050	mg/L	2.00	1.01	105		75-125		
Lead	1.79	0.010	mg/L	2.00	ND	89.4		75-125		
Magnesium	53.8	0.15	mg/L	2.00	48.1	285	*	75-125		MS-19
Manganese	2.20	0.010	mg/L	2.00	0.216	99.2		75-125		
Nickel	1.80	0.010	mg/L	2.00	ND	89.8		75-125		
Potassium	25.1	2.0	mg/L	20.0	2.74	112		75-125		
Selenium	1.92	0.050	mg/L	2.00	ND	96.1		75-125		
Sodium	49.1	2.0	mg/L	2.00	45.9	159	*	75-125		MS-19
Thallium	1.87	0.050	mg/L	2.00	ND	93.5		75-125		
Vanadium	1.94	0.010	mg/L	2.00	0.0121	96.6		75-125		
Zinc	1.84	0.020	mg/L	2.00	ND	92.1		75-125		

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174158 - SW-846 3005A										
Matrix Spike Dup (B174158-MSD1)		Source: 17D0319-06			Prepared & Analyzed: 04/11/17					
Silver	0.430	0.0050	mg/L	0.500	ND	86.0	75-125	0.175	20	
Matrix Spike Dup (B174158-MSD2)		Source: 17D0319-06			Prepared & Analyzed: 04/11/17					
Aluminum	1.67	0.050	mg/L	2.00	0.0610	80.4	75-125	18.4	20	
Antimony	1.73	0.050	mg/L	2.00	ND	86.5	75-125	13.1	20	
Arsenic	1.71	0.010	mg/L	2.00	0.0131	84.7	75-125	13.9	20	
Barium	1.70	0.050	mg/L	2.00	0.0616	81.7	75-125	12.3	20	
Beryllium	1.70	0.0040	mg/L	2.00	ND	84.9	75-125	16.3	20	
Cadmium	1.68	0.0040	mg/L	2.00	ND	84.1	75-125	12.6	20	
Calcium	104	0.15	mg/L	2.00	115	-571 *	75-125	18.3	20	MS-19
Chromium	1.65	0.010	mg/L	2.00	ND	82.7	75-125	12.7	20	
Cobalt	1.59	0.050	mg/L	2.00	ND	79.6	75-125	12.4	20	
Copper	1.63	0.010	mg/L	2.00	0.00248	81.5	75-125	13.0	20	
Iron	2.65	0.050	mg/L	2.00	1.01	81.9	75-125	15.9	20	
Lead	1.57	0.010	mg/L	2.00	ND	78.3	75-125	13.3	20	
Magnesium	44.6	0.15	mg/L	2.00	48.1	-174 *	75-125	18.7	20	MS-19
Manganese	1.86	0.010	mg/L	2.00	0.216	82.4	75-125	16.5	20	
Nickel	1.58	0.010	mg/L	2.00	ND	79.2	75-125	12.6	20	
Potassium	20.7	2.0	mg/L	20.0	2.74	89.5	75-125	19.4	20	
Selenium	1.68	0.050	mg/L	2.00	ND	84.0	75-125	13.4	20	
Sodium	40.6	2.0	mg/L	2.00	45.9	-265 *	75-125	18.9	20	MS-19
Thallium	1.66	0.050	mg/L	2.00	ND	83.0	75-125	11.9	20	
Vanadium	1.72	0.010	mg/L	2.00	0.0121	85.2	75-125	12.5	20	
Zinc	1.63	0.020	mg/L	2.00	ND	81.5	75-125	12.3	20	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B174364 - SW-846 9014										
Blank (B174364-BLK1)				Prepared: 04/12/17 Analyzed: 04/13/17						
Cyanide	ND	0.010	mg/L							
LCS (B174364-BS1)				Prepared: 04/12/17 Analyzed: 04/13/17						
Cyanide	0.61	0.020	mg/L	0.756		80.7	80-120			
LCS Dup (B174364-BSD1)				Prepared: 04/12/17 Analyzed: 04/13/17						
Cyanide	0.64	0.020	mg/L	0.756		84.5	80-120	4.57	20	
Matrix Spike (B174364-MS2)				Source: 17D0319-03		Prepared: 04/12/17 Analyzed: 04/13/17				
Cyanide	0.35	0.010	mg/L	0.356	ND	98.1	75-125			
Matrix Spike Dup (B174364-MSD2)				Source: 17D0319-03		Prepared: 04/12/17 Analyzed: 04/13/17				
Cyanide	0.35	0.010	mg/L	0.356	ND	98.4	75-125	0.371	20	
Batch B174776 - SW-846 9014										
Blank (B174776-BLK1)				Prepared: 04/18/17 Analyzed: 04/19/17						
Cyanide	ND	0.010	mg/L							
LCS (B174776-BS1)				Prepared: 04/18/17 Analyzed: 04/19/17						
Cyanide	0.69	0.010	mg/L	0.756		90.8	80-120			
LCS Dup (B174776-BSD1)				Prepared: 04/18/17 Analyzed: 04/19/17						
Cyanide	0.69	0.010	mg/L	0.756		91.5	80-120	0.808	20	
Matrix Spike (B174776-MS1)				Source: 17D0319-06		Prepared: 04/18/17 Analyzed: 04/19/17				
Cyanide	0.35	0.010	mg/L	0.356	ND	97.4	75-125			
Matrix Spike Dup (B174776-MSD1)				Source: 17D0319-06		Prepared: 04/18/17 Analyzed: 04/19/17				
Cyanide	0.33	0.010	mg/L	0.356	ND	93.6	75-125	3.89	20	

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BREAKDOWN REPORT

Lab Sample ID: S013905-PEM1 **Analyzed:** 04/20/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 1.43
Endrin [1] 6.87

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 3.09
Endrin [2] 6.52

BREAKDOWN REPORT

Lab Sample ID: S013905-PEM2 **Analyzed:** 04/21/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 1.21
Endrin [1] 3.95

Column Number: 2
Analyte **% Breakdown**
4,4'-DDT [2] 2.81
Endrin [2] 4.20

BREAKDOWN REPORT

Lab Sample ID: S013905-PEM3 **Analyzed:** 04/21/2017

Column Number: 1
Analyte **% Breakdown**
4,4'-DDT [1] 1.30
Endrin [1] 3.15

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BREAKDOWN REPORT

Lab Sample ID: S013905-PEM3 Analyzed: 04/21/2017

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	2.78
Endrin [2]	3.50

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

LCS Dup

Lab Sample ID: B174261-BSD1 Date(s) Analyzed 04/16/2017 04/16/2017

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.44	
	2	0.00	0.00	0.00	0.43	2.3
Aroclor-1260	1	0.00	0.00	0.00	0.40	
	2	0.00	0.00	0.00	0.45	11.8

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

Matrix Spike

Lab Sample ID: B174261-MS1 Date(s) Analyzed 04/16/2017 04/16/2017

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.45	
	2	0.00	0.00	0.00	0.49	8.5
Aroclor-1260	1	0.00	0.00	0.00	0.40	
	2	0.00	0.00	0.00	0.43	4.8

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B174261-MSD1 Date(s) Analyzed 04/16/2017 04/16/2017

Instrument ID (1): ECD1 Instrument ID (2): ECD1

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.39	
	2	0.00	0.00	0.00	0.43	9.8
Aroclor-1260	1	0.00	0.00	0.00	0.37	
	2	0.00	0.00	0.00	0.40	7.8

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B174262-BS1 Date(s) Analyzed 04/21/2017 04/21/2017
 Instrument ID (1): ECD2 Instrument ID (2): ECD2
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	7.64	7.69	7.75	1.1	
	2	7.72	7.75	7.81	0.86	24.5
4,4'-DDE	1	7.18	7.22	7.28	1.0	
	2	7.27	7.30	7.36	0.81	21.0
4,4'-DDT	1	7.86	7.91	7.97	1.1	
	2	7.97	8.00	8.06	0.84	26.8
Alachlor	1	6.59	6.63	6.69	1.1	
	2	6.40	6.42	6.48	0.90	20.0
Aldrin	1	6.50	6.54	6.60	0.94	
	2	6.48	6.50	6.56	0.74	23.8
alpha-BHC	1	5.73	5.76	5.82	0.93	
	2	5.71	5.72	5.78	0.79	16.3
beta-BHC	1	6.00	6.04	6.10	0.95	
	2	6.00	6.02	6.08	0.78	19.7
delta-BHC	1	6.13	6.17	6.23	1.0	
	2	6.20	6.22	6.28	0.79	23.5
Dieldrin	1	7.42	7.47	7.53	1.0	
	2	7.40	7.43	7.49	0.79	23.5
Endosulfan I	1	7.24	7.29	7.35	0.94	
	2	7.19	7.22	7.28	0.78	18.6
Endosulfan II	1	7.78	7.83	7.89	0.97	
	2	7.81	7.84	7.90	0.82	16.8
Endosulfan Sulfate	1	8.39	8.43	8.49	1.1	
	2	8.26	8.28	8.34	0.82	29.2
Endrin	1	7.60	7.65	7.71	0.95	
	2	7.64	7.67	7.73	0.80	17.1
Endrin Aldehyde	1	8.10	8.14	8.20	1.0	
	2	8.07	8.09	8.15	0.83	18.6
Endrin Ketone	1	8.57	8.61	8.67	1.0	
	2	8.61	8.63	8.69	0.82	19.8
gamma-BHC (Lindane)	1	5.95	5.98	6.04	0.97	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

LCS

SW-846 8081B

Lab Sample ID: B174262-BS1 Date(s) Analyzed 04/21/2017 04/21/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	5.94	5.96	6.02	0.78	21.7
Heptachlor	1	6.28	6.32	6.38	0.93	
	2	6.25	6.27	6.33	0.75	21.4
Heptachlor Epoxide	1	6.94	6.99	7.05	0.95	
	2	6.90	6.92	6.98	0.79	18.4
Hexachlorobenzene	1	5.62	5.65	5.71	0.95	
	2	5.61	5.63	5.69	0.79	18.4
Methoxychlor	1	8.21	8.24	8.30	1.1	
	2	8.45	8.47	8.53	0.90	20.0

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS Dup

Lab Sample ID: B174262-BSD1 Date(s) Analyzed 04/21/2017 04/21/2017
 Instrument ID (1): ECD2 Instrument ID (2): ECD2
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	7.64	7.69	7.75	1.0	
	2	7.72	7.75	7.81	0.83	18.6
4,4'-DDE	1	7.18	7.22	7.28	0.97	
	2	7.27	7.30	7.36	0.78	21.7
4,4'-DDT	1	7.86	7.91	7.97	1.0	
	2	7.97	8.00	8.06	0.81	21.0
Alachlor	1	6.59	6.63	6.69	1.0	
	2	6.40	6.42	6.48	0.87	13.9
Aldrin	1	6.50	6.54	6.60	0.87	
	2	6.48	6.50	6.56	0.71	20.3
alpha-BHC	1	5.73	5.76	5.82	0.86	
	2	5.71	5.72	5.78	0.77	11.0
beta-BHC	1	6.00	6.04	6.10	0.88	
	2	6.00	6.02	6.08	0.76	14.6
delta-BHC	1	6.13	6.17	6.23	0.94	
	2	6.20	6.22	6.28	0.77	19.9
Dieldrin	1	7.42	7.47	7.53	0.96	
	2	7.40	7.43	7.49	0.75	25.6
Endosulfan I	1	7.24	7.29	7.35	0.88	
	2	7.19	7.22	7.28	0.75	16.0
Endosulfan II	1	7.78	7.83	7.89	0.92	
	2	7.81	7.84	7.90	0.79	15.2
Endosulfan Sulfate	1	8.39	8.43	8.49	1.0	
	2	8.26	8.28	8.34	0.79	23.5
Endrin	1	7.60	7.65	7.71	0.91	
	2	7.64	7.67	7.73	0.78	15.4
Endrin Aldehyde	1	8.10	8.14	8.20	0.96	
	2	8.07	8.09	8.15	0.79	19.4
Endrin Ketone	1	8.57	8.61	8.67	0.98	
	2	8.61	8.63	8.69	0.77	24.0
gamma-BHC (Lindane)	1	5.95	5.98	6.04	0.89	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**
SW-846 8081B

LCS Dup

Lab Sample ID: B174262-BSD1 Date(s) Analyzed 04/21/2017 04/21/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	5.94	5.96	6.02	0.75	17.1
Heptachlor	1	6.28	6.32	6.38	0.87	
	2	6.25	6.27	6.33	0.72	18.9
Heptachlor Epoxide	1	6.94	6.99	7.05	0.90	
	2	6.90	6.92	6.98	0.76	16.9
Hexachlorobenzene	1	5.62	5.65	5.71	0.88	
	2	5.61	5.63	5.69	0.78	12.0
Methoxychlor	1	8.21	8.24	8.30	1.0	
	2	8.45	8.47	8.53	0.88	12.8

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike

SW-846 8081B

Lab Sample ID: B174262-MS1 Date(s) Analyzed 04/21/2017 04/21/2017
 Instrument ID (1): ECD2 Instrument ID (2): ECD2
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	7.64	7.69	7.75	0.97	
	2	7.72	7.75	7.81	0.81	18.0
4,4'-DDE	1	7.18	7.22	7.28	0.91	
	2	7.27	7.30	7.36	0.75	19.3
4,4'-DDT	1	7.86	7.91	7.97	0.95	
	2	7.97	8.00	8.06	0.80	17.1
Alachlor	1	6.59	6.63	6.69	1.0	
	2	6.40	6.42	6.48	0.88	12.8
Aldrin	1	6.49	6.54	6.60	0.82	
	2	6.48	6.50	6.56	0.68	18.7
alpha-BHC	1	5.73	5.76	5.82	0.80	
	2	5.71	5.72	5.78	0.70	13.3
beta-BHC	1	6.00	6.04	6.10	0.76	
	2	6.00	6.02	6.08	0.71	6.8
delta-BHC	1	6.13	6.17	6.23	0.90	
	2	6.20	6.22	6.28	0.74	19.5
Dieldrin	1	7.42	7.47	7.53	0.92	
	2	7.40	7.43	7.49	0.75	20.4
Endosulfan I	1	7.24	7.29	7.35	0.85	
	2	7.19	7.22	7.28	0.73	15.2
Endosulfan II	1	7.78	7.83	7.89	0.88	
	2	7.81	7.84	7.90	0.78	12.0
Endosulfan Sulfate	1	8.39	8.43	8.49	1.0	
	2	8.26	8.28	8.34	0.80	22.2
Endrin	1	7.60	7.65	7.71	0.92	
	2	7.64	7.67	7.73	0.82	11.5
Endrin Aldehyde	1	8.09	8.14	8.20	0.89	
	2	8.07	8.09	8.15	0.78	13.2
Endrin Ketone	1	8.57	8.61	8.67	0.94	
	2	8.61	8.63	8.69	0.80	16.1
gamma-BHC (Lindane)	1	5.95	5.98	6.04	0.83	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike

SW-846 8081B

Lab Sample ID: B174262-MS1 Date(s) Analyzed 04/21/2017 04/21/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	5.94	5.96	6.02	0.71	15.6
Heptachlor	1	6.28	6.32	6.38	0.81	
	2	6.25	6.27	6.33	0.69	16.0
Heptachlor Epoxide	1	6.94	6.99	7.05	0.86	
	2	6.90	6.92	6.98	0.74	15.0
Hexachlorobenzene	1	5.62	5.65	5.71	0.81	
	2	5.61	5.63	5.69	0.71	13.2
Methoxychlor	1	8.21	8.24	8.30	1.0	
	2	8.45	8.47	8.53	1.0	0.0

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike Dup

SW-846 8081B

Lab Sample ID: B174262-MSD1 Date(s) Analyzed 04/21/2017 04/21/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	7.64	7.69	7.75	0.98	
	2	7.72	7.75	7.81	0.80	20.2
4,4'-DDE	1	7.18	7.22	7.28	0.92	
	2	7.27	7.30	7.36	0.74	21.7
4,4'-DDT	1	7.86	7.91	7.97	0.97	
	2	7.97	8.00	8.06	0.79	20.5
Alachlor	1	6.59	6.63	6.69	1.0	
	2	6.40	6.42	6.48	0.86	24.5
Aldrin	1	6.49	6.54	6.60	0.82	
	2	6.48	6.50	6.56	0.66	21.6
alpha-BHC	1	5.73	5.76	5.82	0.78	
	2	5.71	5.72	5.78	0.67	15.2
beta-BHC	1	6.00	6.04	6.10	0.75	
	2	6.00	6.02	6.08	0.69	8.3
delta-BHC	1	6.13	6.17	6.23	0.89	
	2	6.20	6.22	6.28	0.73	19.8
Dieldrin	1	7.42	7.47	7.53	0.92	
	2	7.40	7.43	7.49	0.74	21.7
Endosulfan I	1	7.24	7.29	7.35	0.85	
	2	7.19	7.22	7.28	0.71	17.9
Endosulfan II	1	7.78	7.83	7.89	0.89	
	2	7.81	7.84	7.90	0.77	14.5
Endosulfan Sulfate	1	8.39	8.43	8.49	1.0	
	2	8.26	8.28	8.34	0.79	23.5
Endrin	1	7.60	7.65	7.71	0.93	
	2	7.64	7.67	7.73	0.80	15.0
Endrin Aldehyde	1	8.09	8.14	8.20	0.90	
	2	8.07	8.09	8.15	0.77	15.6
Endrin Ketone	1	8.57	8.61	8.67	0.96	
	2	8.61	8.63	8.69	0.79	19.4
gamma-BHC (Lindane)	1	5.95	5.98	6.04	0.82	

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

Matrix Spike Dup

SW-846 8081B

Lab Sample ID: B174262-MSD1 Date(s) Analyzed 04/21/2017 04/21/2017

Instrument ID (1): ECD2 Instrument ID (2): ECD2

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	5.94	5.96	6.02	0.69	18.4
Heptachlor	1	6.28	6.32	6.38	0.81	
	2	6.25	6.27	6.33	0.68	17.4
Heptachlor Epoxide	1	6.94	6.99	7.05	0.85	
	2	6.90	6.92	6.98	0.73	15.2
Hexachlorobenzene	1	5.62	5.65	5.71	0.80	
	2	5.61	5.63	5.69	0.68	16.2
Methoxychlor	1	8.21	8.24	8.30	1.0	
	2	8.45	8.47	8.53	1.0	0.0

FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level
- ND Not Detected
- RL Reporting Limit
- DL Method Detection Limit
- MCL Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

- L-02 Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
- L-04 Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
- MS-08 Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
- MS-09 Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
- MS-12 Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
- MS-19 Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
- R-04 Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).
- R-05 Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
- R-06 Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
- V-04 Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
- V-05 Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
- V-16 Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
- V-20 Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 6010C-D in Water</i>	
Aluminum	CT,NH,NY,ME,VA,NC
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,RI,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Calcium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Cobalt	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Iron	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Magnesium	CT,NH,NY,ME,VA,NC
Manganese	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Potassium	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Sodium	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
<i>SW-846 7470A in Water</i>	
Mercury	CT,NH,NY,NC,ME,VA
<i>SW-846 8081B in Water</i>	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA
Aldrin [2C]	CT,NH,NY,ME,NC,VA
alpha-BHC	CT,NH,NY,ME,NC,VA
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA
beta-BHC	CT,NH,NY,ME,NC,VA
beta-BHC [2C]	CT,NH,NY,ME,NC,VA
delta-BHC	CT,NH,NY,ME,NC,VA
delta-BHC [2C]	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA
Chlordane	CT,NH,NY,ME,NC,VA
Chlordane [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDD	CT,NH,NY,ME,NC,VA
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDE	CT,NH,NY,ME,NC,VA
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA
4,4'-DDT	CT,NH,NY,ME,NC,VA
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA
Dieldrin	CT,NH,NY,ME,NC,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
Dieldrin [2C]	CT,NH,NY,ME,NC,VA
Endosulfan I	CT,NH,NY,ME,NC,VA
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA
Endosulfan II	CT,NH,NY,ME,NC,VA
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA
Endrin	CT,NH,NY,ME,NC,VA
Endrin [2C]	CT,NH,NY,ME,NC,VA
Endrin Aldehyde	CT,NH,NY,ME,NC,VA
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA
Heptachlor [2C]	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC,VA
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA
Toxaphene	CT,NH,NY,ME,NC,VA
Toxaphene [2C]	CT,NH,NY,ME,NC,VA
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NH,NY,NC,ME,VA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA
Aroclor-1268	NH,NY,NC,ME,VA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
Benzene	CT,NY,ME,NH,VA
Bromobenzene	NY
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,VA
Bromoform	CT,NY,ME,NH,VA
Bromomethane	CT,NY,ME,NH,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,ME,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA
Carbon Disulfide	CT,NY,ME,NH,VA
Carbon Tetrachloride	CT,NY,ME,NH,VA
Chlorobenzene	CT,NY,ME,NH,VA
Chlorodibromomethane	CT,NY,ME,NH,VA
Chloroethane	CT,NY,ME,NH,VA
Chloroform	CT,NY,ME,NH,VA
Chloromethane	CT,NY,ME,NH,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Cyclohexane	NY
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA
1,1-Dichloroethane	CT,NY,ME,NH,VA
1,2-Dichloroethane	CT,NY,ME,NH,VA
1,1-Dichloroethylene	CT,NY,ME,NH,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA
1,2-Dichloropropane	CT,NY,ME,NH,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA
Diethyl Ether	NY
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
1,4-Dioxane	NY
Ethylbenzene	CT,NY,ME,NH,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methyl Acetate	NY
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA
Tetrachloroethylene	CT,NY,ME,NH,VA
Toluene	CT,NY,ME,NH,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,VA
Trichloroethylene	CT,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,VA
m+p Xylene	CT,ME,NH,VA
o-Xylene	CT,ME,NH,VA
SW-846 8270D in Water	
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acetophenone	NY,NC
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,VA
Benzidine	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA
Benzoic Acid	NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
Carbazole	NC

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270D in Water</i>	
4-Chloroaniline	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
Chrysene	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Dimethylphthalate	CT,NY,NC,ME,NH,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NC
Fluoranthene	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Naphthalene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA
4-Nitrophenol	CT,NY,NC,ME,NH,VA
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,VA
N-Nitrosodiphenylamine	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
Phenanthrene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA
Pyrene	CT,NY,NC,ME,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
2-Fluorophenol	NC

SW-846 9014 in Water

Cyanide	NY,CT,NH,NC,ME,VA
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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017



FedEx® Tracking

778855184158

Ship date:

Fri 4/07/2017

Actual delivery:

Sat 4/08/2017 9:06 am

Buffalo, NY US

Delivered

EAST LONGMEADOW, MA US

Signed for by: F.FUAUST

7 Piece shipment

Travel History

Date/Time	Activity	Location
4/08/2017 - Saturday		
9:06 am	Delivered	EAST LONGMEADOW, MA
8:37 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:56 am	At local FedEx facility	WINDSOR LOCKS, CT
6:29 am	At destination sort facility	EAST GRANBY, CT
3:16 am	Departed FedEx location	MEMPHIS, TN
4/07/2017 - Friday		
11:34 pm	Arrived at FedEx location	MEMPHIS, TN
5:43 pm	Picked up	CHEEKTOWAGA, NY
3:30 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking number	778855184158	Service	FedEx First Overnight
Master tracking number	778855184158	Weight	1 lbs / 0.45 kgs
Delivered To	Shipping/Receiving	Total pieces	7
Total shipment weight	7 lbs / 3.18 kgs	Terms	Shipper
Shipper reference	SCA Wildcat IAQ samples	Packaging	Your Packaging
Special handling section	For Saturday Delivery	Standard transit	4/08/2017 by 10:00 am



Customer Focus
 New Customer Center
 Small Business Center
 Service Guide
 Customer Support

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 FedEx SameDay
 FedEx Home Delivery
 FedEx TechConnect
 FedEx HealthCare Solutions
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39 Spruce St.
 East Longmeadow, MA. 01028
 P: 413-525-2332
 F: 413-525-6405
 www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: Lico Engineers RECEIVED BY: BLF DATE: 4/8/17

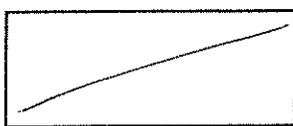
- 1) Was the chain(s) of custody relinquished and signed? Yes No No COC Incl.
- 2) Does the chain agree with the samples? Yes No
 If not, explain: _____
- 3) Are all the samples in good condition? Yes No
 If not, explain: _____

4) How were the samples received:
 On Ice Direct from Sampling _____ Ambient _____ In Cooler(s) (7 coolers)

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A
 Temperature °C by Temp blank _____ # _____ Temperature °C by Temp gun 3.3°, 4°, 3.1° # 7

5) Are there Dissolved samples for the lab to filter? Yes No 4°, 3°, 2.8°, 2.9°
 Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
 Who was notified _____ Date _____ Time _____

7) Location where samples are stored:  Permission to subcontract samples? Yes No
 (Walk-in clients only) if not already approved
 Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A

9) Do all samples have the proper Base pH: Yes No N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	<u>100</u>	16 oz amber	
500 mL Amber		8 oz amber/clear jar	
250 mL Amber (8oz amber)		4 oz amber/clear jar	
1 Liter Plastic		2 oz amber/clear jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	<u>20</u>	SOC Kit	
40 mL Vial - type listed below	<u>33</u>	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

40 mL vials: # HCl 33 # Methanol _____ Time and Date Frozen: _____
 # Bisulfate _____ # DI Water _____
 # Thiosulfate _____ Unpreserved _____

Login Sample Receipt Checklist**(Rejection Criteria Listing - Using Sample Acceptance Policy)****Any False statement will be brought to the attention of Client**

<u>Question</u>	<u>Answer (True/False)</u>		<u>Comment</u>
	T/F/NA		
1) The cooler's custody seal, if present, is intact.	NA		
2) The cooler or samples do not appear to have been compromised or tampered with.	T		
3) Samples were received on ice.	T		
4) Cooler Temperature is acceptable.	T		
5) Cooler Temperature is recorded.	T		
6) COC is filled out in ink and legible.	T		
7) COC is filled out with all pertinent information.	T		
8) Field Sampler's name present on COC.	T		
9) There are no discrepancies between the sample IDs on the container and the COC.	T		
10) Samples are received within Holding Time.	T		
11) Sample containers have legible labels.	T		
12) Containers are not broken or leaking.	T		
13) Air Cassettes are not broken/open.	NA		
14) Sample collection date/times are provided.	T		
15) Appropriate sample containers are used.	T		
16) Proper collection media used.	T		
17) No headspace sample bottles are completely filled.	T		
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T		
19) Trip blanks provided if applicable.	T		
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T		
21) Samples do not require splitting or compositing.	T		

Doc #277 Rev. 4 August 2013 Who notified of False statements?
 Log-In Technician Initials:

Date/Time:
 Date/Time:

RLF 4/8/17 906

May 1, 2017

Jon Williams
LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209-2202

Project Location: 683 Northland Ave., Buffalo, NY
Client Job Number:
Project Number: 15-029-1054
Laboratory Work Order Number: 17D0938

Enclosed are results of analyses for samples received by the laboratory on April 20, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right from the end of the signature.

Aaron L. Benoit
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209-2202
ATTN: Jon Williams

REPORT DATE: 5/1/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 15-029-1054

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17D0938

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 683 Northland Ave., Buffalo, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SS-1	17D0938-01	Sub Slab		EPA TO-15	
SS-2	17D0938-02	Sub Slab		EPA TO-15	
SS-3	17D0938-03	Sub Slab		EPA TO-15	
SS-4	17D0938-04	Sub Slab		EPA TO-15	
SS-5	17D0938-05	Sub Slab		EPA TO-15	
SS-6	17D0938-06	Sub Slab		EPA TO-15	
SS-7	17D0938-07	Sub Slab		EPA TO-15	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Qualifications:**B**

Analyte is found in the associated blank as well as in the sample.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethan**

17D0938-01[SS-1], 17D0938-03[SS-3], 17D0938-04[SS-4], 17D0938-05[SS-5], 17D0938-06[SS-6], 17D0938-07[SS-7], B175761-BLK1, B175761-DUP1

B-05

Data is not affected by elevated level in blank since sample(s) result is "Not Detected".

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethan**

B175771-BLK1

1,2,4-Trichlorobenzene

B175771-BLK1

L-03

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**1,3-Butadiene**

17D0938-01[SS-1], 17D0938-03[SS-3], 17D0938-04[SS-4], 17D0938-05[SS-5], 17D0938-06[SS-6], 17D0938-07[SS-7], B175761-BLK1, B175761-BS1, B175761-DUP1

R-04

Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).

Analyte & Samples(s) Qualified:**2-Hexanone (MBK)**

B175761-DUP1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

17D0938-04[SS-4]

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**2-Hexanone (MBK)**

17D0938-01[SS-1], 17D0938-03[SS-3], 17D0938-04[SS-4], 17D0938-05[SS-5], 17D0938-06[SS-6], 17D0938-07[SS-7], B175761-BLK1, B175761-BS1, B175761-DUP1, S013995-CCV1

Ethanol

17D0938-01[SS-1], 17D0938-03[SS-3], 17D0938-04[SS-4], 17D0938-05[SS-5], 17D0938-06[SS-6], 17D0938-07[SS-7], B175761-BLK1, B175761-BS1, B175761-DUP1, S013995-CCV1

Z-01

Compound fails the method requirement of 70-130% recovery for the LCS. Is classified by the lab as a difficult compound and passes the in house limits of 50-150%.

Analyte & Samples(s) Qualified:**Ethanol**

17D0938-02[SS-2], B175771-BLK1, B175771-BS1

Naphthalene

17D0938-02[SS-2], B175771-BS1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Lisa A. Worthington", is written over a light gray rectangular background.

Lisa A. Worthington
Project Manager

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-1
Sample ID: 17D0938-01
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:06

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2169
 Canister Size: 6 liter
 Flow Controller ID: 3256
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -8.5
 Receipt Vacuum(in Hg): -8.1
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	6.7	4.0		16	9.5	2	4/25/17	5:47	CMR
Benzene	0.15	0.10		0.47	0.32	2	4/25/17	5:47	CMR
Benzyl chloride	ND	0.10		ND	0.52	2	4/25/17	5:47	CMR
Bromodichloromethane	ND	0.10		ND	0.67	2	4/25/17	5:47	CMR
Bromoform	0.066	0.10	J	0.68	1.0	2	4/25/17	5:47	CMR
Bromomethane	ND	0.10		ND	0.39	2	4/25/17	5:47	CMR
1,3-Butadiene	ND	0.10	L-03	ND	0.22	2	4/25/17	5:47	CMR
2-Butanone (MEK)	0.96	4.0	J	2.8	12	2	4/25/17	5:47	CMR
Carbon Disulfide	0.52	1.0	J	1.6	3.1	2	4/25/17	5:47	CMR
Carbon Tetrachloride	0.47	0.10		3.0	0.63	2	4/25/17	5:47	CMR
Chlorobenzene	ND	0.10		ND	0.46	2	4/25/17	5:47	CMR
Chloroethane	ND	0.10		ND	0.26	2	4/25/17	5:47	CMR
Chloroform	1.1	0.10		5.3	0.49	2	4/25/17	5:47	CMR
Chloromethane	ND	0.20		ND	0.41	2	4/25/17	5:47	CMR
Cyclohexane	0.94	0.20		3.2	0.69	2	4/25/17	5:47	CMR
Dibromochloromethane	ND	0.10		ND	0.85	2	4/25/17	5:47	CMR
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	4/25/17	5:47	CMR
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	5:47	CMR
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	5:47	CMR
1,4-Dichlorobenzene	0.038	0.10	J	0.23	0.60	2	4/25/17	5:47	CMR
Dichlorodifluoromethane (Freon 12)	1.0	0.10		5.1	0.49	2	4/25/17	5:47	CMR
1,1-Dichloroethane	ND	0.10		ND	0.40	2	4/25/17	5:47	CMR
1,2-Dichloroethane	ND	0.10		ND	0.40	2	4/25/17	5:47	CMR
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	5:47	CMR
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	5:47	CMR
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	5:47	CMR
1,2-Dichloropropane	ND	0.10		ND	0.46	2	4/25/17	5:47	CMR
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	5:47	CMR
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	5:47	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	4/25/17	5:47	CMR
1,4-Dioxane	ND	1.0		ND	3.6	2	4/25/17	5:47	CMR
Ethanol	ND	4.0	V-05	ND	7.5	2	4/25/17	5:47	CMR
Ethyl Acetate	ND	0.10		ND	0.36	2	4/25/17	5:47	CMR
Ethylbenzene	0.22	0.10		0.96	0.43	2	4/25/17	5:47	CMR
4-Ethyltoluene	0.048	0.10	J	0.24	0.49	2	4/25/17	5:47	CMR
Heptane	0.80	0.10		3.3	0.41	2	4/25/17	5:47	CMR
Hexachlorobutadiene	ND	0.10		ND	1.1	2	4/25/17	5:47	CMR

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-1
Sample ID: 17D0938-01
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:06

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2169
 Canister Size: 6 liter
 Flow Controller ID: 3256
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -8.5
 Receipt Vacuum(in Hg): -8.1
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv			ug/m3		Dilution	Date/Time		Analyst
	Results	RL	Flag/Qual	Results	RL		Analized		
Hexane	0.88	4.0	J	3.1	14	2	4/25/17	5:47	CMR
2-Hexanone (MBK)	ND	0.20	V-05	ND	0.82	2	4/25/17	5:47	CMR
Isopropanol	0.78	4.0	J	1.9	9.8	2	4/25/17	5:47	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	4/25/17	5:47	CMR
Methylene Chloride	ND	1.0		ND	3.5	2	4/25/17	5:47	CMR
4-Methyl-2-pentanone (MIBK)	0.61	0.20		2.5	0.82	2	4/25/17	5:47	CMR
Naphthalene	0.18	0.10		0.93	0.52	2	4/25/17	5:47	CMR
Propene	0.69	4.0	J	1.2	6.9	2	4/25/17	5:47	CMR
Styrene	ND	0.10		ND	0.43	2	4/25/17	5:47	CMR
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	4/25/17	5:47	CMR
Tetrachloroethylene	0.88	0.10		5.9	0.68	2	4/25/17	5:47	CMR
Tetrahydrofuran	ND	0.20		ND	0.59	2	4/25/17	5:47	CMR
Toluene	1.3	0.10		4.8	0.38	2	4/25/17	5:47	CMR
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	4/25/17	5:47	CMR
1,1,1-Trichloroethane	2.0	0.10		11	0.55	2	4/25/17	5:47	CMR
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	4/25/17	5:47	CMR
Trichloroethylene	2.6	0.10		14	0.54	2	4/25/17	5:47	CMR
Trichlorofluoromethane (Freon 11)	0.36	0.40	J	2.0	2.2	2	4/25/17	5:47	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.10	0.40	B, J	0.80	3.1	2	4/25/17	5:47	CMR
1,2,4-Trimethylbenzene	0.34	0.10		1.7	0.49	2	4/25/17	5:47	CMR
1,3,5-Trimethylbenzene	0.12	0.10		0.60	0.49	2	4/25/17	5:47	CMR
Vinyl Acetate	ND	2.0		ND	7.0	2	4/25/17	5:47	CMR
Vinyl Chloride	ND	0.10		ND	0.26	2	4/25/17	5:47	CMR
m&p-Xylene	1.2	0.20		5.4	0.87	2	4/25/17	5:47	CMR
o-Xylene	0.55	0.10		2.4	0.43	2	4/25/17	5:47	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	105	70-130	4/25/17 5:47

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-2
Sample ID: 17D0938-02
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:44

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1039
 Canister Size: 6 liter
 Flow Controller ID: 3310
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -6
 Receipt Vacuum(in Hg): -3.5
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	540	80		1300	190	40	4/26/17 16:50	CMR	
Benzene	4.8	0.50		15	1.6	10	4/26/17 10:33	CMR	
Benzyl chloride	ND	0.50		ND	2.6	10	4/26/17 10:33	CMR	
Bromodichloromethane	ND	0.50		ND	3.4	10	4/26/17 10:33	CMR	
Bromoform	1.1	0.50		11	5.2	10	4/26/17 10:33	CMR	
Bromomethane	ND	0.50		ND	1.9	10	4/26/17 10:33	CMR	
1,3-Butadiene	ND	0.50		ND	1.1	10	4/26/17 10:33	CMR	
2-Butanone (MEK)	3.9	20	J	11	59	10	4/26/17 10:33	CMR	
Carbon Disulfide	220	5.0		690	16	10	4/26/17 10:33	CMR	
Carbon Tetrachloride	ND	0.50		ND	3.1	10	4/26/17 10:33	CMR	
Chlorobenzene	ND	0.50		ND	2.3	10	4/26/17 10:33	CMR	
Chloroethane	ND	0.50		ND	1.3	10	4/26/17 10:33	CMR	
Chloroform	ND	0.50		ND	2.4	10	4/26/17 10:33	CMR	
Chloromethane	ND	1.0		ND	2.1	10	4/26/17 10:33	CMR	
Cyclohexane	ND	1.0		ND	3.4	10	4/26/17 10:33	CMR	
Dibromochloromethane	ND	0.50		ND	4.3	10	4/26/17 10:33	CMR	
1,2-Dibromoethane (EDB)	ND	0.50		ND	3.8	10	4/26/17 10:33	CMR	
1,2-Dichlorobenzene	ND	0.50		ND	3.0	10	4/26/17 10:33	CMR	
1,3-Dichlorobenzene	ND	0.50		ND	3.0	10	4/26/17 10:33	CMR	
1,4-Dichlorobenzene	ND	0.50		ND	3.0	10	4/26/17 10:33	CMR	
Dichlorodifluoromethane (Freon 12)	0.50	0.50		2.5	2.5	10	4/26/17 10:33	CMR	
1,1-Dichloroethane	ND	0.50		ND	2.0	10	4/26/17 10:33	CMR	
1,2-Dichloroethane	ND	0.50		ND	2.0	10	4/26/17 10:33	CMR	
1,1-Dichloroethylene	ND	0.50		ND	2.0	10	4/26/17 10:33	CMR	
cis-1,2-Dichloroethylene	0.77	0.50		3.1	2.0	10	4/26/17 10:33	CMR	
trans-1,2-Dichloroethylene	0.37	0.50	J	1.5	2.0	10	4/26/17 10:33	CMR	
1,2-Dichloropropane	ND	0.50		ND	2.3	10	4/26/17 10:33	CMR	
cis-1,3-Dichloropropene	ND	0.50		ND	2.3	10	4/26/17 10:33	CMR	
trans-1,3-Dichloropropene	ND	0.50		ND	2.3	10	4/26/17 10:33	CMR	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.50		ND	3.5	10	4/26/17 10:33	CMR	
1,4-Dioxane	ND	5.0		ND	18	10	4/26/17 10:33	CMR	
Ethanol	28	20	Z-01	52	38	10	4/26/17 10:33	CMR	
Ethyl Acetate	ND	0.50		ND	1.8	10	4/26/17 10:33	CMR	
Ethylbenzene	27	0.50		120	2.2	10	4/26/17 10:33	CMR	
4-Ethyltoluene	8.0	0.50		39	2.5	10	4/26/17 10:33	CMR	
Heptane	17	0.50		70	2.0	10	4/26/17 10:33	CMR	
Hexachlorobutadiene	ND	0.50		ND	5.3	10	4/26/17 10:33	CMR	

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ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-2
Sample ID: 17D0938-02
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:44

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1039
 Canister Size: 6 liter
 Flow Controller ID: 3310
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -6
 Receipt Vacuum(in Hg): -3.5
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	20	20		71	70	10	4/26/17 10:33	CMR	
2-Hexanone (MBK)	ND	1.0		ND	4.1	10	4/26/17 10:33	CMR	
Isopropanol	110	20		260	49	10	4/26/17 10:33	CMR	
Methyl tert-Butyl Ether (MTBE)	ND	0.50		ND	1.8	10	4/26/17 10:33	CMR	
Methylene Chloride	ND	5.0		ND	17	10	4/26/17 10:33	CMR	
4-Methyl-2-pentanone (MIBK)	23	1.0		92	4.1	10	4/26/17 10:33	CMR	
Naphthalene	30	0.50	Z-01	160	2.6	10	4/26/17 10:33	CMR	
Propene	ND	20		ND	34	10	4/26/17 10:33	CMR	
Styrene	0.38	0.50	J	1.6	2.1	10	4/26/17 10:33	CMR	
1,1,2,2-Tetrachloroethane	ND	0.50		ND	3.4	10	4/26/17 10:33	CMR	
Tetrachloroethylene	4.2	0.50		29	3.4	10	4/26/17 10:33	CMR	
Tetrahydrofuran	ND	2.0		ND	5.9	10	4/26/17 10:33	CMR	
Toluene	370	0.50		1400	1.9	10	4/26/17 10:33	CMR	
1,2,4-Trichlorobenzene	ND	0.50		ND	3.7	10	4/26/17 10:33	CMR	
1,1,1-Trichloroethane	0.37	0.50	J	2.0	2.7	10	4/26/17 10:33	CMR	
1,1,2-Trichloroethane	ND	0.50		ND	2.7	10	4/26/17 10:33	CMR	
Trichloroethylene	1.2	0.50		6.7	2.7	10	4/26/17 10:33	CMR	
Trichlorofluoromethane (Freon 11)	0.24	2.0	J	1.3	11	10	4/26/17 10:33	CMR	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0		ND	15	10	4/26/17 10:33	CMR	
1,2,4-Trimethylbenzene	49	0.50		240	2.5	10	4/26/17 10:33	CMR	
1,3,5-Trimethylbenzene	18	0.50		90	2.5	10	4/26/17 10:33	CMR	
Vinyl Acetate	ND	10		ND	35	10	4/26/17 10:33	CMR	
Vinyl Chloride	ND	0.50		ND	1.3	10	4/26/17 10:33	CMR	
m&p-Xylene	170	1.0		720	4.3	10	4/26/17 10:33	CMR	
o-Xylene	66	0.50		290	2.2	10	4/26/17 10:33	CMR	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	99.8	70-130	4/26/17 16:50
4-Bromofluorobenzene (1)	101	70-130	4/26/17 10:33

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-3
Sample ID: 17D0938-03
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 11:52

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1459
 Canister Size: 6 liter
 Flow Controller ID: 3257
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -29.5
 Final Vacuum(in Hg): -7
 Receipt Vacuum(in Hg): -6.1
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	6.2	4.0		15	9.5	2	4/25/17	7:08	CMR
Benzene	0.080	0.10	J	0.26	0.32	2	4/25/17	7:08	CMR
Benzyl chloride	ND	0.10		ND	0.52	2	4/25/17	7:08	CMR
Bromodichloromethane	1.6	0.10		11	0.67	2	4/25/17	7:08	CMR
Bromoform	0.14	0.10		1.4	1.0	2	4/25/17	7:08	CMR
Bromomethane	ND	0.10		ND	0.39	2	4/25/17	7:08	CMR
1,3-Butadiene	ND	0.10	L-03	ND	0.22	2	4/25/17	7:08	CMR
2-Butanone (MEK)	0.92	4.0	J	2.7	12	2	4/25/17	7:08	CMR
Carbon Disulfide	1.2	1.0		3.7	3.1	2	4/25/17	7:08	CMR
Carbon Tetrachloride	0.18	0.10		1.1	0.63	2	4/25/17	7:08	CMR
Chlorobenzene	ND	0.10		ND	0.46	2	4/25/17	7:08	CMR
Chloroethane	ND	0.10		ND	0.26	2	4/25/17	7:08	CMR
Chloroform	9.3	0.10		45	0.49	2	4/25/17	7:08	CMR
Chloromethane	ND	0.20		ND	0.41	2	4/25/17	7:08	CMR
Cyclohexane	ND	0.20		ND	0.69	2	4/25/17	7:08	CMR
Dibromochloromethane	0.14	0.10		1.2	0.85	2	4/25/17	7:08	CMR
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	4/25/17	7:08	CMR
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	7:08	CMR
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	7:08	CMR
1,4-Dichlorobenzene	0.032	0.10	J	0.19	0.60	2	4/25/17	7:08	CMR
Dichlorodifluoromethane (Freon 12)	0.70	0.10		3.5	0.49	2	4/25/17	7:08	CMR
1,1-Dichloroethane	0.13	0.10		0.52	0.40	2	4/25/17	7:08	CMR
1,2-Dichloroethane	ND	0.10		ND	0.40	2	4/25/17	7:08	CMR
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	7:08	CMR
cis-1,2-Dichloroethylene	0.51	0.10		2.0	0.40	2	4/25/17	7:08	CMR
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	7:08	CMR
1,2-Dichloropropane	ND	0.10		ND	0.46	2	4/25/17	7:08	CMR
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	7:08	CMR
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	7:08	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	4/25/17	7:08	CMR
1,4-Dioxane	ND	1.0		ND	3.6	2	4/25/17	7:08	CMR
Ethanol	1.9	4.0	V-05, J	3.5	7.5	2	4/25/17	7:08	CMR
Ethyl Acetate	ND	0.10		ND	0.36	2	4/25/17	7:08	CMR
Ethylbenzene	0.12	0.10		0.51	0.43	2	4/25/17	7:08	CMR
4-Ethyltoluene	0.030	0.10	J	0.15	0.49	2	4/25/17	7:08	CMR
Heptane	0.092	0.10	J	0.38	0.41	2	4/25/17	7:08	CMR
Hexachlorobutadiene	ND	0.10		ND	1.1	2	4/25/17	7:08	CMR

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-3
Sample ID: 17D0938-03
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 11:52

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1459
 Canister Size: 6 liter
 Flow Controller ID: 3257
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -29.5
 Final Vacuum(in Hg): -7
 Receipt Vacuum(in Hg): -6.1
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	4.0		ND	14	2	4/25/17	7:08	CMR
2-Hexanone (MBK)	ND	0.20	V-05	ND	0.82	2	4/25/17	7:08	CMR
Isopropanol	0.81	4.0	J	2.0	9.8	2	4/25/17	7:08	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	4/25/17	7:08	CMR
Methylene Chloride	ND	1.0		ND	3.5	2	4/25/17	7:08	CMR
4-Methyl-2-pentanone (MIBK)	0.50	0.20		2.1	0.82	2	4/25/17	7:08	CMR
Naphthalene	0.15	0.10		0.77	0.52	2	4/25/17	7:08	CMR
Propene	ND	4.0		ND	6.9	2	4/25/17	7:08	CMR
Styrene	ND	0.10		ND	0.43	2	4/25/17	7:08	CMR
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	4/25/17	7:08	CMR
Tetrachloroethylene	0.53	0.10		3.6	0.68	2	4/25/17	7:08	CMR
Tetrahydrofuran	ND	0.20		ND	0.59	2	4/25/17	7:08	CMR
Toluene	1.3	0.10		4.8	0.38	2	4/25/17	7:08	CMR
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	4/25/17	7:08	CMR
1,1,1-Trichloroethane	0.41	0.10		2.2	0.55	2	4/25/17	7:08	CMR
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	4/25/17	7:08	CMR
Trichloroethylene	48	0.10		260	0.54	2	4/25/17	7:08	CMR
Trichlorofluoromethane (Freon 11)	0.28	0.40	J	1.6	2.2	2	4/25/17	7:08	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.084	0.40	B, J	0.64	3.1	2	4/25/17	7:08	CMR
1,2,4-Trimethylbenzene	0.14	0.10		0.70	0.49	2	4/25/17	7:08	CMR
1,3,5-Trimethylbenzene	0.050	0.10	J	0.25	0.49	2	4/25/17	7:08	CMR
Vinyl Acetate	0.45	2.0	J	1.6	7.0	2	4/25/17	7:08	CMR
Vinyl Chloride	ND	0.10		ND	0.26	2	4/25/17	7:08	CMR
m&p-Xylene	0.56	0.20		2.4	0.87	2	4/25/17	7:08	CMR
o-Xylene	0.19	0.10		0.83	0.43	2	4/25/17	7:08	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	106	70-130	4/25/17 7:08

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-4
Sample ID: 17D0938-04
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:53

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1022
 Canister Size: 6 liter
 Flow Controller ID: 3491
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -28.5
 Final Vacuum(in Hg): -10
 Receipt Vacuum(in Hg): -10.5
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	ND	8.0		ND	19	4	4/25/17 9:47	CMR	
Benzene	4.4	0.20		14	0.64	4	4/25/17 9:47	CMR	
Benzyl chloride	ND	0.20		ND	1.0	4	4/25/17 9:47	CMR	
Bromodichloromethane	ND	0.20		ND	1.3	4	4/25/17 9:47	CMR	
Bromoform	0.38	0.20		3.9	2.1	4	4/25/17 9:47	CMR	
Bromomethane	ND	0.20		ND	0.78	4	4/25/17 9:47	CMR	
1,3-Butadiene	0.25	0.20	L-03	0.56	0.44	4	4/25/17 9:47	CMR	
2-Butanone (MEK)	1.6	8.0	J	4.8	24	4	4/25/17 9:47	CMR	
Carbon Disulfide	1.6	2.0	J	5.0	6.2	4	4/25/17 9:47	CMR	
Carbon Tetrachloride	0.12	0.20	J	0.75	1.3	4	4/25/17 9:47	CMR	
Chlorobenzene	ND	0.20		ND	0.92	4	4/25/17 9:47	CMR	
Chloroethane	ND	0.20		ND	0.53	4	4/25/17 9:47	CMR	
Chloroform	ND	0.20		ND	0.98	4	4/25/17 9:47	CMR	
Chloromethane	ND	0.40		ND	0.83	4	4/25/17 9:47	CMR	
Cyclohexane	150	0.40		510	1.4	4	4/25/17 9:47	CMR	
Dibromochloromethane	ND	0.20		ND	1.7	4	4/25/17 9:47	CMR	
1,2-Dibromoethane (EDB)	ND	0.20		ND	1.5	4	4/25/17 9:47	CMR	
1,2-Dichlorobenzene	ND	0.20		ND	1.2	4	4/25/17 9:47	CMR	
1,3-Dichlorobenzene	ND	0.20		ND	1.2	4	4/25/17 9:47	CMR	
1,4-Dichlorobenzene	ND	0.20		ND	1.2	4	4/25/17 9:47	CMR	
Dichlorodifluoromethane (Freon 12)	0.68	0.20		3.4	0.99	4	4/25/17 9:47	CMR	
1,1-Dichloroethane	ND	0.20		ND	0.81	4	4/25/17 9:47	CMR	
1,2-Dichloroethane	ND	0.20		ND	0.81	4	4/25/17 9:47	CMR	
1,1-Dichloroethylene	ND	0.20		ND	0.79	4	4/25/17 9:47	CMR	
cis-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	4/25/17 9:47	CMR	
trans-1,2-Dichloroethylene	ND	0.20		ND	0.79	4	4/25/17 9:47	CMR	
1,2-Dichloropropane	ND	0.20		ND	0.92	4	4/25/17 9:47	CMR	
cis-1,3-Dichloropropene	ND	0.20		ND	0.91	4	4/25/17 9:47	CMR	
trans-1,3-Dichloropropene	ND	0.20		ND	0.91	4	4/25/17 9:47	CMR	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.20		ND	1.4	4	4/25/17 9:47	CMR	
1,4-Dioxane	ND	2.0		ND	7.2	4	4/25/17 9:47	CMR	
Ethanol	ND	8.0	V-05	ND	15	4	4/25/17 9:47	CMR	
Ethyl Acetate	ND	0.20		ND	0.72	4	4/25/17 9:47	CMR	
Ethylbenzene	7.5	0.20		32	0.87	4	4/25/17 9:47	CMR	
4-Ethyltoluene	2.6	0.20		13	0.98	4	4/25/17 9:47	CMR	
Heptane	87	0.20		360	0.82	4	4/25/17 9:47	CMR	
Hexachlorobutadiene	ND	0.20		ND	2.1	4	4/25/17 9:47	CMR	

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-4
Sample ID: 17D0938-04
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:53

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1022
 Canister Size: 6 liter
 Flow Controller ID: 3491
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -28.5
 Final Vacuum(in Hg): -10
 Receipt Vacuum(in Hg): -10.5
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Sample Flags: RL-11

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	100	8.0		360	28	4	4/25/17	9:47	CMR
2-Hexanone (MBK)	ND	0.40	V-05	ND	1.6	4	4/25/17	9:47	CMR
Isopropanol	2.1	8.0	J	5.1	20	4	4/25/17	9:47	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.20		ND	0.72	4	4/25/17	9:47	CMR
Methylene Chloride	0.24	2.0	J	0.85	6.9	4	4/25/17	9:47	CMR
4-Methyl-2-pentanone (MIBK)	ND	0.40		ND	1.6	4	4/25/17	9:47	CMR
Naphthalene	9.8	0.20		51	1.0	4	4/25/17	9:47	CMR
Propene	ND	8.0		ND	14	4	4/25/17	9:47	CMR
Styrene	0.25	0.20		1.1	0.85	4	4/25/17	9:47	CMR
1,1,2,2-Tetrachloroethane	ND	0.20		ND	1.4	4	4/25/17	9:47	CMR
Tetrachloroethylene	3.9	0.20		27	1.4	4	4/25/17	9:47	CMR
Tetrahydrofuran	ND	0.40		ND	1.2	4	4/25/17	9:47	CMR
Toluene	24	0.20		91	0.75	4	4/25/17	9:47	CMR
1,2,4-Trichlorobenzene	ND	0.20		ND	1.5	4	4/25/17	9:47	CMR
1,1,1-Trichloroethane	39	0.20		210	1.1	4	4/25/17	9:47	CMR
1,1,2-Trichloroethane	ND	0.20		ND	1.1	4	4/25/17	9:47	CMR
Trichloroethylene	ND	0.20		ND	1.1	4	4/25/17	9:47	CMR
Trichlorofluoromethane (Freon 11)	0.38	0.80	J	2.1	4.5	4	4/25/17	9:47	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.11	0.80	B, J	0.86	6.1	4	4/25/17	9:47	CMR
1,2,4-Trimethylbenzene	20	0.20		99	0.98	4	4/25/17	9:47	CMR
1,3,5-Trimethylbenzene	8.6	0.20		42	0.98	4	4/25/17	9:47	CMR
Vinyl Acetate	ND	4.0		ND	14	4	4/25/17	9:47	CMR
Vinyl Chloride	ND	0.20		ND	0.51	4	4/25/17	9:47	CMR
m&p-Xylene	41	0.40		180	1.7	4	4/25/17	9:47	CMR
o-Xylene	13	0.20		57	0.87	4	4/25/17	9:47	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	107	70-130	4/25/17 9:47

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-5
Sample ID: 17D0938-05
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:27

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1969
 Canister Size: 6 liter
 Flow Controller ID: 3694
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -29.5
 Final Vacuum(in Hg): -8
 Receipt Vacuum(in Hg): -7.4
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	5.1	4.0		12	9.5	2	4/25/17	7:48	CMR
Benzene	ND	0.10		ND	0.32	2	4/25/17	7:48	CMR
Benzyl chloride	ND	0.10		ND	0.52	2	4/25/17	7:48	CMR
Bromodichloromethane	ND	0.10		ND	0.67	2	4/25/17	7:48	CMR
Bromoform	ND	0.10		ND	1.0	2	4/25/17	7:48	CMR
Bromomethane	ND	0.10		ND	0.39	2	4/25/17	7:48	CMR
1,3-Butadiene	ND	0.10	L-03	ND	0.22	2	4/25/17	7:48	CMR
2-Butanone (MEK)	0.59	4.0	J	1.7	12	2	4/25/17	7:48	CMR
Carbon Disulfide	0.92	1.0	J	2.9	3.1	2	4/25/17	7:48	CMR
Carbon Tetrachloride	0.056	0.10	J	0.35	0.63	2	4/25/17	7:48	CMR
Chlorobenzene	ND	0.10		ND	0.46	2	4/25/17	7:48	CMR
Chloroethane	ND	0.10		ND	0.26	2	4/25/17	7:48	CMR
Chloroform	ND	0.10		ND	0.49	2	4/25/17	7:48	CMR
Chloromethane	ND	0.20		ND	0.41	2	4/25/17	7:48	CMR
Cyclohexane	ND	0.20		ND	0.69	2	4/25/17	7:48	CMR
Dibromochloromethane	ND	0.10		ND	0.85	2	4/25/17	7:48	CMR
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	4/25/17	7:48	CMR
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	7:48	CMR
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	7:48	CMR
1,4-Dichlorobenzene	0.038	0.10	J	0.23	0.60	2	4/25/17	7:48	CMR
Dichlorodifluoromethane (Freon 12)	0.62	0.10		3.1	0.49	2	4/25/17	7:48	CMR
1,1-Dichloroethane	ND	0.10		ND	0.40	2	4/25/17	7:48	CMR
1,2-Dichloroethane	ND	0.10		ND	0.40	2	4/25/17	7:48	CMR
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	7:48	CMR
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	7:48	CMR
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	7:48	CMR
1,2-Dichloropropane	ND	0.10		ND	0.46	2	4/25/17	7:48	CMR
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	7:48	CMR
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	7:48	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	4/25/17	7:48	CMR
1,4-Dioxane	ND	1.0		ND	3.6	2	4/25/17	7:48	CMR
Ethanol	ND	4.0	V-05	ND	7.5	2	4/25/17	7:48	CMR
Ethyl Acetate	ND	0.10		ND	0.36	2	4/25/17	7:48	CMR
Ethylbenzene	0.096	0.10	J	0.42	0.43	2	4/25/17	7:48	CMR
4-Ethyltoluene	ND	0.10		ND	0.49	2	4/25/17	7:48	CMR
Heptane	0.078	0.10	J	0.32	0.41	2	4/25/17	7:48	CMR
Hexachlorobutadiene	ND	0.10		ND	1.1	2	4/25/17	7:48	CMR

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-5
Sample ID: 17D0938-05
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:27

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1969
 Canister Size: 6 liter
 Flow Controller ID: 3694
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -29.5
 Final Vacuum(in Hg): -8
 Receipt Vacuum(in Hg): -7.4
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv			ug/m3		Dilution	Date/Time		Analyst
	Results	RL	Flag/Qual	Results	RL		Analized		
Hexane	0.24	4.0	J	0.85	14	2	4/25/17	7:48	CMR
2-Hexanone (MBK)	ND	0.20	V-05	ND	0.82	2	4/25/17	7:48	CMR
Isopropanol	0.24	4.0	J	0.59	9.8	2	4/25/17	7:48	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	4/25/17	7:48	CMR
Methylene Chloride	ND	1.0		ND	3.5	2	4/25/17	7:48	CMR
4-Methyl-2-pentanone (MIBK)	0.67	0.20		2.7	0.82	2	4/25/17	7:48	CMR
Naphthalene	ND	0.10		ND	0.52	2	4/25/17	7:48	CMR
Propene	ND	4.0		ND	6.9	2	4/25/17	7:48	CMR
Styrene	ND	0.10		ND	0.43	2	4/25/17	7:48	CMR
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	4/25/17	7:48	CMR
Tetrachloroethylene	0.030	0.10	J	0.20	0.68	2	4/25/17	7:48	CMR
Tetrahydrofuran	ND	0.20		ND	0.59	2	4/25/17	7:48	CMR
Toluene	0.66	0.10		2.5	0.38	2	4/25/17	7:48	CMR
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	4/25/17	7:48	CMR
1,1,1-Trichloroethane	2.0	0.10		11	0.55	2	4/25/17	7:48	CMR
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	4/25/17	7:48	CMR
Trichloroethylene	0.092	0.10	J	0.49	0.54	2	4/25/17	7:48	CMR
Trichlorofluoromethane (Freon 11)	0.28	0.40	J	1.6	2.2	2	4/25/17	7:48	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.086	0.40	B, J	0.66	3.1	2	4/25/17	7:48	CMR
1,2,4-Trimethylbenzene	0.042	0.10	J	0.21	0.49	2	4/25/17	7:48	CMR
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	4/25/17	7:48	CMR
Vinyl Acetate	ND	2.0		ND	7.0	2	4/25/17	7:48	CMR
Vinyl Chloride	ND	0.10		ND	0.26	2	4/25/17	7:48	CMR
m&p-Xylene	0.36	0.20		1.6	0.87	2	4/25/17	7:48	CMR
o-Xylene	0.082	0.10	J	0.36	0.43	2	4/25/17	7:48	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	106	70-130	4/25/17 7:48

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-6
Sample ID: 17D0938-06
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:20

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1843
 Canister Size: 6 liter
 Flow Controller ID: 3083
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -29.5
 Final Vacuum(in Hg): -7
 Receipt Vacuum(in Hg): -6.5
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: >20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	9.6	4.0		23	9.5	2	4/25/17	8:28	CMR
Benzene	0.14	0.10		0.43	0.32	2	4/25/17	8:28	CMR
Benzyl chloride	ND	0.10		ND	0.52	2	4/25/17	8:28	CMR
Bromodichloromethane	ND	0.10		ND	0.67	2	4/25/17	8:28	CMR
Bromoform	0.24	0.10		2.4	1.0	2	4/25/17	8:28	CMR
Bromomethane	ND	0.10		ND	0.39	2	4/25/17	8:28	CMR
1,3-Butadiene	ND	0.10	L-03	ND	0.22	2	4/25/17	8:28	CMR
2-Butanone (MEK)	0.83	4.0	J	2.5	12	2	4/25/17	8:28	CMR
Carbon Disulfide	0.51	1.0	J	1.6	3.1	2	4/25/17	8:28	CMR
Carbon Tetrachloride	0.072	0.10	J	0.45	0.63	2	4/25/17	8:28	CMR
Chlorobenzene	ND	0.10		ND	0.46	2	4/25/17	8:28	CMR
Chloroethane	ND	0.10		ND	0.26	2	4/25/17	8:28	CMR
Chloroform	0.058	0.10	J	0.28	0.49	2	4/25/17	8:28	CMR
Chloromethane	0.12	0.20	J	0.25	0.41	2	4/25/17	8:28	CMR
Cyclohexane	0.48	0.20		1.7	0.69	2	4/25/17	8:28	CMR
Dibromochloromethane	ND	0.10		ND	0.85	2	4/25/17	8:28	CMR
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	4/25/17	8:28	CMR
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	8:28	CMR
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	8:28	CMR
1,4-Dichlorobenzene	0.038	0.10	J	0.23	0.60	2	4/25/17	8:28	CMR
Dichlorodifluoromethane (Freon 12)	0.64	0.10		3.2	0.49	2	4/25/17	8:28	CMR
1,1-Dichloroethane	0.24	0.10		0.96	0.40	2	4/25/17	8:28	CMR
1,2-Dichloroethane	ND	0.10		ND	0.40	2	4/25/17	8:28	CMR
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	8:28	CMR
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	8:28	CMR
trans-1,2-Dichloroethylene	0.22	0.10		0.86	0.40	2	4/25/17	8:28	CMR
1,2-Dichloropropane	ND	0.10		ND	0.46	2	4/25/17	8:28	CMR
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	8:28	CMR
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	8:28	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	4/25/17	8:28	CMR
1,4-Dioxane	ND	1.0		ND	3.6	2	4/25/17	8:28	CMR
Ethanol	ND	4.0	V-05	ND	7.5	2	4/25/17	8:28	CMR
Ethyl Acetate	0.22	0.10		0.79	0.36	2	4/25/17	8:28	CMR
Ethylbenzene	0.11	0.10		0.49	0.43	2	4/25/17	8:28	CMR
4-Ethyltoluene	0.028	0.10	J	0.14	0.49	2	4/25/17	8:28	CMR
Heptane	0.29	0.10		1.2	0.41	2	4/25/17	8:28	CMR
Hexachlorobutadiene	ND	0.10		ND	1.1	2	4/25/17	8:28	CMR

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-6
Sample ID: 17D0938-06
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 12:20

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1843
 Canister Size: 6 liter
 Flow Controller ID: 3083
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -29.5
 Final Vacuum(in Hg): -7
 Receipt Vacuum(in Hg): -6.5
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: >20%

EPA TO-15

Analyte	ppbv			ug/m3		Dilution	Date/Time		Analyst
	Results	RL	Flag/Qual	Results	RL		Analized		
Hexane	0.42	4.0	J	1.5	14	2	4/25/17	8:28	CMR
2-Hexanone (MBK)	ND	0.20	V-05	ND	0.82	2	4/25/17	8:28	CMR
Isopropanol	0.34	4.0	J	0.83	9.8	2	4/25/17	8:28	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	4/25/17	8:28	CMR
Methylene Chloride	ND	1.0		ND	3.5	2	4/25/17	8:28	CMR
4-Methyl-2-pentanone (MIBK)	0.64	0.20		2.6	0.82	2	4/25/17	8:28	CMR
Naphthalene	0.80	0.10		4.2	0.52	2	4/25/17	8:28	CMR
Propene	ND	4.0		ND	6.9	2	4/25/17	8:28	CMR
Styrene	ND	0.10		ND	0.43	2	4/25/17	8:28	CMR
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	4/25/17	8:28	CMR
Tetrachloroethylene	65	0.10		440	0.68	2	4/25/17	8:28	CMR
Tetrahydrofuran	ND	0.20		ND	0.59	2	4/25/17	8:28	CMR
Toluene	0.80	0.10		3.0	0.38	2	4/25/17	8:28	CMR
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	4/25/17	8:28	CMR
1,1,1-Trichloroethane	14	0.10		79	0.55	2	4/25/17	8:28	CMR
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	4/25/17	8:28	CMR
Trichloroethylene	0.74	0.10		4.0	0.54	2	4/25/17	8:28	CMR
Trichlorofluoromethane (Freon 11)	0.31	0.40	J	1.7	2.2	2	4/25/17	8:28	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.10	0.40	B, J	0.80	3.1	2	4/25/17	8:28	CMR
1,2,4-Trimethylbenzene	0.20	0.10		0.99	0.49	2	4/25/17	8:28	CMR
1,3,5-Trimethylbenzene	0.048	0.10	J	0.24	0.49	2	4/25/17	8:28	CMR
Vinyl Acetate	ND	2.0		ND	7.0	2	4/25/17	8:28	CMR
Vinyl Chloride	ND	0.10		ND	0.26	2	4/25/17	8:28	CMR
m&p-Xylene	0.52	0.20		2.2	0.87	2	4/25/17	8:28	CMR
o-Xylene	0.16	0.10		0.70	0.43	2	4/25/17	8:28	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	106	70-130	4/25/17 8:28

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-7
Sample ID: 17D0938-07
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 11:35

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2225
 Canister Size: 6 liter
 Flow Controller ID: 3082
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -27.5
 Final Vacuum(in Hg): -4
 Receipt Vacuum(in Hg): -5.9
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	44	4.0		110	9.5	2	4/25/17	9:09	CMR
Benzene	0.31	0.10		1.00	0.32	2	4/25/17	9:09	CMR
Benzyl chloride	ND	0.10		ND	0.52	2	4/25/17	9:09	CMR
Bromodichloromethane	ND	0.10		ND	0.67	2	4/25/17	9:09	CMR
Bromoform	0.62	0.10		6.5	1.0	2	4/25/17	9:09	CMR
Bromomethane	ND	0.10		ND	0.39	2	4/25/17	9:09	CMR
1,3-Butadiene	ND	0.10	L-03	ND	0.22	2	4/25/17	9:09	CMR
2-Butanone (MEK)	3.4	4.0	J	10	12	2	4/25/17	9:09	CMR
Carbon Disulfide	2.0	1.0		6.2	3.1	2	4/25/17	9:09	CMR
Carbon Tetrachloride	0.41	0.10		2.6	0.63	2	4/25/17	9:09	CMR
Chlorobenzene	ND	0.10		ND	0.46	2	4/25/17	9:09	CMR
Chloroethane	ND	0.10		ND	0.26	2	4/25/17	9:09	CMR
Chloroform	0.29	0.10		1.4	0.49	2	4/25/17	9:09	CMR
Chloromethane	ND	0.20		ND	0.41	2	4/25/17	9:09	CMR
Cyclohexane	1.1	0.20		3.7	0.69	2	4/25/17	9:09	CMR
Dibromochloromethane	ND	0.10		ND	0.85	2	4/25/17	9:09	CMR
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	4/25/17	9:09	CMR
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	9:09	CMR
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	4/25/17	9:09	CMR
1,4-Dichlorobenzene	0.060	0.10	J	0.36	0.60	2	4/25/17	9:09	CMR
Dichlorodifluoromethane (Freon 12)	4.3	0.10		22	0.49	2	4/25/17	9:09	CMR
1,1-Dichloroethane	ND	0.10		ND	0.40	2	4/25/17	9:09	CMR
1,2-Dichloroethane	ND	0.10		ND	0.40	2	4/25/17	9:09	CMR
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	9:09	CMR
cis-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	9:09	CMR
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	4/25/17	9:09	CMR
1,2-Dichloropropane	ND	0.10		ND	0.46	2	4/25/17	9:09	CMR
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	9:09	CMR
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	4/25/17	9:09	CMR
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	4/25/17	9:09	CMR
1,4-Dioxane	ND	1.0		ND	3.6	2	4/25/17	9:09	CMR
Ethanol	ND	4.0	V-05	ND	7.5	2	4/25/17	9:09	CMR
Ethyl Acetate	ND	0.10		ND	0.36	2	4/25/17	9:09	CMR
Ethylbenzene	0.39	0.10		1.7	0.43	2	4/25/17	9:09	CMR
4-Ethyltoluene	0.20	0.10		1.0	0.49	2	4/25/17	9:09	CMR
Heptane	1.8	0.10		7.5	0.41	2	4/25/17	9:09	CMR
Hexachlorobutadiene	ND	0.10		ND	1.1	2	4/25/17	9:09	CMR

ANALYTICAL RESULTS

Project Location: 683 Northland Ave., Buffalo, NY
 Date Received: 4/20/2017
Field Sample #: SS-7
Sample ID: 17D0938-07
 Sample Matrix: Sub Slab
 Sampled: 4/18/2017 11:35

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2225
 Canister Size: 6 liter
 Flow Controller ID: 3082
 Sample Type: 24 hr

Work Order: 17D0938
 Initial Vacuum(in Hg): -27.5
 Final Vacuum(in Hg): -4
 Receipt Vacuum(in Hg): -5.9
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling: <20%

EPA TO-15

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	1.4	4.0	J	4.9	14	2	4/25/17	9:09	CMR
2-Hexanone (MBK)	ND	0.20	V-05	ND	0.82	2	4/25/17	9:09	CMR
Isopropanol	1.8	4.0	J	4.3	9.8	2	4/25/17	9:09	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	4/25/17	9:09	CMR
Methylene Chloride	ND	1.0		ND	3.5	2	4/25/17	9:09	CMR
4-Methyl-2-pentanone (MIBK)	1.1	0.20		4.3	0.82	2	4/25/17	9:09	CMR
Naphthalene	2.0	0.10		10	0.52	2	4/25/17	9:09	CMR
Propene	ND	4.0		ND	6.9	2	4/25/17	9:09	CMR
Styrene	0.038	0.10	J	0.16	0.43	2	4/25/17	9:09	CMR
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	4/25/17	9:09	CMR
Tetrachloroethylene	1.5	0.10		10	0.68	2	4/25/17	9:09	CMR
Tetrahydrofuran	ND	0.20		ND	0.59	2	4/25/17	9:09	CMR
Toluene	1.6	0.10		5.9	0.38	2	4/25/17	9:09	CMR
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	4/25/17	9:09	CMR
1,1,1-Trichloroethane	12	0.10		64	0.55	2	4/25/17	9:09	CMR
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	4/25/17	9:09	CMR
Trichloroethylene	12	0.10		64	0.54	2	4/25/17	9:09	CMR
Trichlorofluoromethane (Freon 11)	0.43	0.40		2.4	2.2	2	4/25/17	9:09	CMR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.088	0.40	B, J	0.67	3.1	2	4/25/17	9:09	CMR
1,2,4-Trimethylbenzene	1.8	0.10		9.1	0.49	2	4/25/17	9:09	CMR
1,3,5-Trimethylbenzene	0.66	0.10		3.3	0.49	2	4/25/17	9:09	CMR
Vinyl Acetate	ND	2.0		ND	7.0	2	4/25/17	9:09	CMR
Vinyl Chloride	ND	0.10		ND	0.26	2	4/25/17	9:09	CMR
m&p-Xylene	1.8	0.20		7.8	0.87	2	4/25/17	9:09	CMR
o-Xylene	0.61	0.10		2.6	0.43	2	4/25/17	9:09	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	106	70-130	4/25/17 9:09

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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
17D0938-01 [SS-1]	B175761	1.5	1	N/A	1000	400	300	04/24/17
17D0938-03 [SS-3]	B175761	1.5	1	N/A	1000	400	300	04/24/17
17D0938-04 [SS-4]	B175761	1.5	1	N/A	1000	400	150	04/24/17
17D0938-05 [SS-5]	B175761	1.5	1	N/A	1000	400	300	04/24/17
17D0938-06 [SS-6]	B175761	1.5	1	N/A	1000	400	300	04/24/17
17D0938-07 [SS-7]	B175761	1.5	1	N/A	1000	400	300	04/24/17

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
17D0938-02 [SS-2]	B175771	1.5	1	N/A	1000	400	60	04/25/17
17D0938-02RE1 [SS-2]	B175771	1.5	1	N/A	1000	400	15	04/25/17

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit	
Batch B175761 - TO-15 Prep										
Blank (B175761-BLK1)										
						Prepared & Analyzed: 04/24/17				
Acetone	ND	1.4								
Benzene	ND	0.034								
Benzyl chloride	ND	0.034								
Bromodichloromethane	ND	0.034								
Bromoform	ND	0.034								
Bromomethane	ND	0.034								
1,3-Butadiene	ND	0.034								L-03
2-Butanone (MEK)	ND	1.4								
Carbon Disulfide	ND	0.34								
Carbon Tetrachloride	ND	0.034								
Chlorobenzene	ND	0.034								
Chloroethane	ND	0.034								
Chloroform	ND	0.034								
Chloromethane	ND	0.068								
Cyclohexane	ND	0.034								
Dibromochloromethane	ND	0.034								
1,2-Dibromoethane (EDB)	ND	0.034								
1,2-Dichlorobenzene	ND	0.034								
1,3-Dichlorobenzene	ND	0.034								
1,4-Dichlorobenzene	ND	0.034								
Dichlorodifluoromethane (Freon 12)	ND	0.034								
1,1-Dichloroethane	ND	0.034								
1,2-Dichloroethane	ND	0.034								
1,1-Dichloroethylene	ND	0.034								
cis-1,2-Dichloroethylene	ND	0.034								
trans-1,2-Dichloroethylene	ND	0.034								
1,2-Dichloropropane	ND	0.034								
cis-1,3-Dichloropropene	ND	0.034								
trans-1,3-Dichloropropene	ND	0.034								
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.034								
1,4-Dioxane	ND	0.34								
Ethanol	ND	1.4								V-05
Ethyl Acetate	ND	0.034								
Ethylbenzene	ND	0.034								
4-Ethyltoluene	ND	0.034								
Heptane	ND	0.034								
Hexachlorobutadiene	ND	0.034								
Hexane	ND	1.4								
2-Hexanone (MBK)	ND	0.034								V-05
Isopropanol	ND	1.4								
Methyl tert-Butyl Ether (MTBE)	ND	0.034								
Methylene Chloride	ND	0.34								
4-Methyl-2-pentanone (MIBK)	ND	0.034								
Naphthalene	ND	0.034								
Propene	ND	1.4								
Styrene	ND	0.034								

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
Batch B175761 - TO-15 Prep											
Blank (B175761-BLK1)						Prepared & Analyzed: 04/24/17					
1,1,2,2-Tetrachloroethane	ND	0.034									
Tetrachloroethylene	ND	0.034									
Tetrahydrofuran	ND	0.034									
Toluene	ND	0.034									
1,2,4-Trichlorobenzene	ND	0.034									
1,1,1-Trichloroethane	ND	0.034									
1,1,2-Trichloroethane	ND	0.034									
Trichloroethylene	ND	0.034									
Trichlorofluoromethane (Freon 11)	ND	0.14									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.024	0.14									B, J
1,2,4-Trimethylbenzene	ND	0.034									
1,3,5-Trimethylbenzene	ND	0.034									
Vinyl Acetate	ND	0.68									
Vinyl Chloride	ND	0.034									
m&p-Xylene	ND	0.068									
o-Xylene	ND	0.034									
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>8.30</i>				<i>8.00</i>		<i>104</i>	<i>70-130</i>			
LCS (B175761-BS1)						Prepared & Analyzed: 04/24/17					
Acetone	4.54				5.00		90.8	70-130			
Benzene	4.46				5.00		89.2	70-130			
Benzyl chloride	4.45				5.00		89.0	70-130			
Bromodichloromethane	5.06				5.00		101	70-130			
Bromoform	5.27				5.00		105	70-130			
Bromomethane	4.11				5.00		82.2	70-130			
1,3-Butadiene	3.48				5.00		69.5 *	70-130			L-03
2-Butanone (MEK)	4.85				5.00		96.9	70-130			
Carbon Disulfide	4.75				5.00		95.0	70-130			
Carbon Tetrachloride	4.75				5.00		95.0	70-130			
Chlorobenzene	4.98				5.00		99.5	70-130			
Chloroethane	3.75				5.00		75.0	70-130			
Chloroform	5.38				5.00		108	70-130			
Chloromethane	4.40				5.00		88.0	70-130			
Cyclohexane	4.48				5.00		89.7	70-130			
Dibromochloromethane	5.44				5.00		109	70-130			
1,2-Dibromoethane (EDB)	5.16				5.00		103	70-130			
1,2-Dichlorobenzene	3.93				5.00		78.5	70-130			
1,3-Dichlorobenzene	4.44				5.00		88.9	70-130			
1,4-Dichlorobenzene	4.40				5.00		87.9	70-130			
Dichlorodifluoromethane (Freon 12)	5.73				5.00		115	70-130			
1,1-Dichloroethane	4.74				5.00		94.8	70-130			
1,2-Dichloroethane	5.52				5.00		110	70-130			
1,1-Dichloroethylene	4.85				5.00		96.9	70-130			
cis-1,2-Dichloroethylene	4.95				5.00		99.1	70-130			
trans-1,2-Dichloroethylene	4.74				5.00		94.9	70-130			
1,2-Dichloropropane	4.32				5.00		86.4	70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
Batch B175761 - TO-15 Prep											
LCS (B175761-BS1)						Prepared & Analyzed: 04/24/17					
cis-1,3-Dichloropropene	5.04				5.00		101	70-130			
trans-1,3-Dichloropropene	5.36				5.00		107	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.48				5.00		89.5	70-130			
1,4-Dioxane	4.06				5.00		81.1	70-130			
Ethanol	3.59				5.00		71.8	70-130			V-05
Ethyl Acetate	5.40				5.00		108	70-130			
Ethylbenzene	4.73				5.00		94.6	70-130			
4-Ethyltoluene	4.33				5.00		86.7	70-130			
Heptane	4.18				5.00		83.6	70-130			
Hexachlorobutadiene	4.69				5.00		93.8	70-130			
Hexane	4.17				5.00		83.4	70-130			
2-Hexanone (MBK)	4.30				5.00		86.1	70-130			V-05
Isopropanol	3.85				5.00		77.0	70-130			
Methyl tert-Butyl Ether (MTBE)	5.23				5.00		105	70-130			
Methylene Chloride	4.36				5.00		87.1	70-130			
4-Methyl-2-pentanone (MIBK)	4.50				5.00		90.0	70-130			
Naphthalene	5.38				5.00		108	70-130			
Propene	4.69				5.00		93.9	70-130			
Styrene	4.29				5.00		85.9	70-130			
1,1,2,2-Tetrachloroethane	4.19				5.00		83.7	70-130			
Tetrachloroethylene	5.02				5.00		100	70-130			
Tetrahydrofuran	4.65				5.00		93.0	70-130			
Toluene	4.98				5.00		99.6	70-130			
1,2,4-Trichlorobenzene	5.18				5.00		104	70-130			
1,1,1-Trichloroethane	4.74				5.00		94.8	70-130			
1,1,2-Trichloroethane	5.01				5.00		100	70-130			
Trichloroethylene	4.66				5.00		93.1	70-130			
Trichlorofluoromethane (Freon 11)	5.14				5.00		103	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5.26				5.00		105	70-130			
1,2,4-Trimethylbenzene	4.12				5.00		82.4	70-130			
1,3,5-Trimethylbenzene	4.20				5.00		83.9	70-130			
Vinyl Acetate	4.22				5.00		84.5	70-130			
Vinyl Chloride	4.31				5.00		86.1	70-130			
m&p-Xylene	9.57				10.0		95.7	70-130			
o-Xylene	4.88				5.00		97.6	70-130			
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>8.70</i>				<i>8.00</i>		<i>109</i>	<i>70-130</i>			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level ppbv	Source Result	%REC Limits	RPD	RPD Limit	Flag/Qual
	Results	RL	Results	RL						
Batch B175761 - TO-15 Prep										
Duplicate (B175761-DUP1)										
Source: 17D0938-01 Prepared: 04/24/17 Analyzed: 04/25/17										
Acetone	6.6	4.0	16	9.5		6.7		1.72	25	
Benzene	0.14	0.10	0.45	0.32		0.15		4.14	25	
Benzyl chloride	ND	0.10	ND	0.52		ND			25	
Bromodichloromethane	ND	0.10	ND	0.67		ND			25	
Bromoform	0.068	0.10	0.70	1.0		0.066		2.99	25	J
Bromomethane	ND	0.10	ND	0.39		ND			25	
1,3-Butadiene	ND	0.10	ND	0.22		ND			25	L-03
2-Butanone (MEK)	0.96	4.0	2.8	12		0.96		0.626	25	J
Carbon Disulfide	0.51	1.0	1.6	3.1		0.52		2.72	25	J
Carbon Tetrachloride	0.49	0.10	3.1	0.63		0.47		3.35	25	
Chlorobenzene	ND	0.10	ND	0.46		ND			25	
Chloroethane	ND	0.10	ND	0.26		ND			25	
Chloroform	1.1	0.10	5.4	0.49		1.1		1.83	25	
Chloromethane	ND	0.20	ND	0.41		ND			25	
Cyclohexane	0.94	0.10	3.2	0.34		0.94		0.213	25	
Dibromochloromethane	ND	0.10	ND	0.85		ND			25	
1,2-Dibromoethane (EDB)	ND	0.10	ND	0.77		ND			25	
1,2-Dichlorobenzene	ND	0.10	ND	0.60		ND			25	
1,3-Dichlorobenzene	ND	0.10	ND	0.60		ND			25	
1,4-Dichlorobenzene	0.036	0.10	0.22	0.60		0.038		5.41	25	J
Dichlorodifluoromethane (Freon 12)	1.1	0.10	5.2	0.49		1.0		1.53	25	
1,1-Dichloroethane	ND	0.10	ND	0.40		ND			25	
1,2-Dichloroethane	ND	0.10	ND	0.40		ND			25	
1,1-Dichloroethylene	ND	0.10	ND	0.40		ND			25	
cis-1,2-Dichloroethylene	ND	0.10	ND	0.40		ND			25	
trans-1,2-Dichloroethylene	ND	0.10	ND	0.40		ND			25	
1,2-Dichloropropane	ND	0.10	ND	0.46		ND			25	
cis-1,3-Dichloropropene	ND	0.10	ND	0.45		ND			25	
trans-1,3-Dichloropropene	ND	0.10	ND	0.45		ND			25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10	ND	0.70		ND			25	
1,4-Dioxane	ND	1.0	ND	3.6		ND			25	
Ethanol	ND	4.0	ND	7.5		ND			25	V-05
Ethyl Acetate	ND	0.10	ND	0.36		ND			25	
Ethylbenzene	0.23	0.10	1.00	0.43		0.22		4.44	25	
4-Ethyltoluene	0.052	0.10	0.26	0.49		0.048		8.00	25	J
Heptane	0.81	0.10	3.3	0.41		0.80		0.995	25	
Hexachlorobutadiene	ND	0.10	ND	1.1		ND			25	
Hexane	0.89	4.0	3.1	14		0.88		0.901	25	J
2-Hexanone (MBK)	0.12	0.10	0.48	0.41		ND			25	R-04, V-05
Isopropanol	0.67	4.0	1.7	9.8		0.78		14.3	25	J
Methyl tert-Butyl Ether (MTBE)	ND	0.10	ND	0.36		ND			25	
Methylene Chloride	ND	1.0	ND	3.5		ND			25	
4-Methyl-2-pentanone (MIBK)	0.61	0.10	2.5	0.41		0.61		0.656	25	
Naphthalene	0.18	0.10	0.95	0.52		0.18		2.22	25	
Propene	0.63	4.0	1.1	6.9		0.69		9.12	25	J

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level ppbv	Source Result	%REC Limits	RPD	RPD Limit	Flag/Qual
	Results	RL	Results	RL						
Batch B175761 - TO-15 Prep										
Duplicate (B175761-DUP1)		Source: 17D0938-01				Prepared: 04/24/17 Analyzed: 04/25/17				
Styrene	ND	0.10	ND	0.43		ND			25	
1,1,2,2-Tetrachloroethane	ND	0.10	ND	0.69		ND			25	
Tetrachloroethylene	0.87	0.10	5.9	0.68		0.88		0.458	25	
Tetrahydrofuran	ND	0.10	ND	0.29		ND			25	
Toluene	1.3	0.10	4.7	0.38		1.3		0.477	25	
1,2,4-Trichlorobenzene	ND	0.10	ND	0.74		ND			25	
1,1,1-Trichloroethane	2.0	0.10	11	0.55		2.0		1.40	25	
1,1,2-Trichloroethane	ND	0.10	ND	0.55		ND			25	
Trichloroethylene	2.5	0.10	13	0.54		2.6		5.88	25	
Trichlorofluoromethane (Freon 11)	0.36	0.40	2.0	2.2		0.36		0.00	25	J
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.096	0.40	0.74	3.1		0.10		8.00	25	B, J
1,2,4-Trimethylbenzene	0.33	0.10	1.6	0.49		0.34		0.597	25	
1,3,5-Trimethylbenzene	0.13	0.10	0.63	0.49		0.12		4.80	25	
Vinyl Acetate	ND	2.0	ND	7.0		ND			25	
Vinyl Chloride	ND	0.10	ND	0.26		ND			25	
m&p-Xylene	1.2	0.20	5.4	0.87		1.2		0.321	25	
o-Xylene	0.56	0.10	2.4	0.43		0.55		1.79	25	
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	8.43					8.00		105	70-130	

Batch B175771 - TO-15 Prep

Blank (B175771-BLK1)		Prepared & Analyzed: 04/25/17								
Acetone	ND	1.4								
Benzene	ND	0.034								
Benzyl chloride	ND	0.034								
Bromodichloromethane	ND	0.034								
Bromoform	ND	0.034								
Bromomethane	ND	0.034								
1,3-Butadiene	ND	0.034								
2-Butanone (MEK)	ND	1.4								
Carbon Disulfide	ND	0.34								
Carbon Tetrachloride	ND	0.034								
Chlorobenzene	ND	0.034								
Chloroethane	ND	0.034								
Chloroform	ND	0.034								
Chloromethane	ND	0.068								
Cyclohexane	ND	0.034								
Dibromochloromethane	ND	0.034								
1,2-Dibromoethane (EDB)	ND	0.034								
1,2-Dichlorobenzene	ND	0.034								
1,3-Dichlorobenzene	ND	0.034								
1,4-Dichlorobenzene	ND	0.034								
Dichlorodifluoromethane (Freon 12)	ND	0.034								
1,1-Dichloroethane	ND	0.034								
1,2-Dichloroethane	ND	0.034								
1,1-Dichloroethylene	ND	0.034								

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	RPD	RPD Limit	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	%REC Limits	RPD		
Batch B175771 - TO-15 Prep										
Blank (B175771-BLK1)										
Prepared & Analyzed: 04/25/17										
cis-1,2-Dichloroethylene	ND	0.034								
trans-1,2-Dichloroethylene	ND	0.034								
1,2-Dichloropropane	ND	0.034								
cis-1,3-Dichloropropene	ND	0.034								
trans-1,3-Dichloropropene	ND	0.034								
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.034								
1,4-Dioxane	ND	0.34								
Ethanol	ND	1.4								Z-01
Ethyl Acetate	ND	0.034								
Ethylbenzene	ND	0.034								
4-Ethyltoluene	ND	0.034								
Heptane	ND	0.034								
Hexachlorobutadiene	ND	0.034								
Hexane	ND	1.4								
2-Hexanone (MBK)	ND	0.034								
Isopropanol	ND	1.4								
Methyl tert-Butyl Ether (MTBE)	ND	0.034								
Methylene Chloride	ND	0.34								
4-Methyl-2-pentanone (MIBK)	ND	0.034								
Naphthalene	ND	0.034								
Propene	ND	1.4								
Styrene	ND	0.034								
1,1,2,2-Tetrachloroethane	ND	0.034								
Tetrachloroethylene	ND	0.034								
Tetrahydrofuran	ND	0.034								
Toluene	ND	0.034								
1,2,4-Trichlorobenzene	0.014	0.034								B-05, J
1,1,1-Trichloroethane	ND	0.034								
1,1,2-Trichloroethane	ND	0.034								
Trichloroethylene	ND	0.034								
Trichlorofluoromethane (Freon 11)	ND	0.14								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.021	0.14								B-05, J
1,2,4-Trimethylbenzene	ND	0.034								
1,3,5-Trimethylbenzene	ND	0.034								
Vinyl Acetate	ND	0.68								
Vinyl Chloride	ND	0.034								
m&p-Xylene	ND	0.068								
o-Xylene	ND	0.034								
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	7.75				8.00		96.8		70-130	

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
Batch B175771 - TO-15 Prep											
LCS (B175771-BS1)						Prepared & Analyzed: 04/25/17					
Acetone	4.66				5.00		93.2	70-130			
Benzene	5.10				5.00		102	70-130			
Benzyl chloride	5.76				5.00		115	70-130			
Bromodichloromethane	5.89				5.00		118	70-130			
Bromoform	5.58				5.00		112	70-130			
Bromomethane	4.02				5.00		80.5	70-130			
1,3-Butadiene	3.89				5.00		77.7	70-130			
2-Butanone (MEK)	5.42				5.00		108	70-130			
Carbon Disulfide	4.52				5.00		90.5	70-130			
Carbon Tetrachloride	5.18				5.00		104	70-130			
Chlorobenzene	5.47				5.00		109	70-130			
Chloroethane	3.89				5.00		77.8	70-130			
Chloroform	5.01				5.00		100	70-130			
Chloromethane	4.87				5.00		97.4	70-130			
Cyclohexane	4.98				5.00		99.7	70-130			
Dibromochloromethane	6.07				5.00		121	70-130			
1,2-Dibromoethane (EDB)	6.06				5.00		121	70-130			
1,2-Dichlorobenzene	4.32				5.00		86.3	70-130			
1,3-Dichlorobenzene	4.66				5.00		93.1	70-130			
1,4-Dichlorobenzene	4.65				5.00		93.1	70-130			
Dichlorodifluoromethane (Freon 12)	5.25				5.00		105	70-130			
1,1-Dichloroethane	4.81				5.00		96.3	70-130			
1,2-Dichloroethane	5.18				5.00		104	70-130			
1,1-Dichloroethylene	4.79				5.00		95.8	70-130			
cis-1,2-Dichloroethylene	4.91				5.00		98.2	70-130			
trans-1,2-Dichloroethylene	4.66				5.00		93.3	70-130			
1,2-Dichloropropane	5.25				5.00		105	70-130			
cis-1,3-Dichloropropene	5.82				5.00		116	70-130			
trans-1,3-Dichloropropene	6.15				5.00		123	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	4.34				5.00		86.7	70-130			
1,4-Dioxane	4.48				5.00		89.6	70-130			
Ethanol	3.31				5.00		66.2 *	70-130			Z-01
Ethyl Acetate	5.21				5.00		104	70-130			
Ethylbenzene	5.62				5.00		112	70-130			
4-Ethyltoluene	4.89				5.00		97.8	70-130			
Heptane	5.40				5.00		108	70-130			
Hexachlorobutadiene	5.24				5.00		105	70-130			
Hexane	4.55				5.00		90.9	70-130			
2-Hexanone (MBK)	6.23				5.00		125	70-130			
Isopropanol	4.11				5.00		82.2	70-130			
Methyl tert-Butyl Ether (MTBE)	4.84				5.00		96.8	70-130			
Methylene Chloride	4.62				5.00		92.4	70-130			
4-Methyl-2-pentanone (MIBK)	6.04				5.00		121	70-130			
Naphthalene	7.14				5.00		143 *	70-130			Z-01
Propene	5.21				5.00		104	70-130			
Styrene	5.38				5.00		108	70-130			

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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	%REC	Limits	RPD	Limit	
Batch B175771 - TO-15 Prep											
LCS (B175771-BS1)											
						Prepared & Analyzed: 04/25/17					
1,1,2,2-Tetrachloroethane	5.20				5.00		104	70-130			
Tetrachloroethylene	5.14				5.00		103	70-130			
Tetrahydrofuran	4.42				5.00		88.5	70-130			
Toluene	5.95				5.00		119	70-130			
1,2,4-Trichlorobenzene	6.16				5.00		123	70-130			
1,1,1-Trichloroethane	5.10				5.00		102	70-130			
1,1,2-Trichloroethane	5.96				5.00		119	70-130			
Trichloroethylene	5.04				5.00		101	70-130			
Trichlorofluoromethane (Freon 11)	4.75				5.00		94.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	4.66				5.00		93.1	70-130			
1,2,4-Trimethylbenzene	4.68				5.00		93.6	70-130			
1,3,5-Trimethylbenzene	4.70				5.00		94.0	70-130			
Vinyl Acetate	4.65				5.00		93.1	70-130			
Vinyl Chloride	4.58				5.00		91.6	70-130			
m&p-Xylene	11.2				10.0		112	70-130			
o-Xylene	5.64				5.00		113	70-130			
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>7.73</i>				<i>8.00</i>		<i>96.7</i>	<i>70-130</i>			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B	Analyte is found in the associated blank as well as in the sample.
B-05	Data is not affected by elevated level in blank since sample(s) result is "Not Detected".
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
R-04	Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
Z-01	Compound fails the method requirement of 70-130% recovery for the LCS. Is classified by the lab as a difficult compound and passes the in house limits of 50-150%.

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S013764-ICV1)			Lab File ID: G033115.D			Analyzed: 03/31/17 20:16			
Bromochloromethane (1)	161501	8.899	165942	8.899	97	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	618675	10.813	632917	10.813	98	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	469954	15.613	476893	15.613	99	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S013995-CCV1)			Lab File ID: G042402.D			Analyzed: 04/24/17 16:02			
Bromochloromethane (1)	160005	8.899	165942	8.899	96	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	681260	10.813	632917	10.813	108	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	529461	15.613	476893	15.613	111	60 - 140	0.0000	+/-0.50	
LCS (B175761-BS1)			Lab File ID: G042404.D			Analyzed: 04/24/17 17:20			
Bromochloromethane (1)	164519	8.899	160005	8.899	103	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	657999	10.813	681260	10.813	97	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	536002	15.613	529461	15.613	101	60 - 140	0.0000	+/-0.50	
Blank (B175761-BLK1)			Lab File ID: G042408.D			Analyzed: 04/24/17 19:56			
Bromochloromethane (1)	156667	8.908	160005	8.899	98	60 - 140	0.0090	+/-0.50	
1,4-Difluorobenzene (1)	671985	10.813	681260	10.813	99	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	513120	15.613	529461	15.613	97	60 - 140	0.0000	+/-0.50	
SS-1 (17D0938-01)			Lab File ID: G042423.D			Analyzed: 04/25/17 05:47			
Bromochloromethane (1)	176163	8.899	160005	8.899	110	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	742557	10.813	681260	10.813	109	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	571139	15.613	529461	15.613	108	60 - 140	0.0000	+/-0.50	
Duplicate (B175761-DUP1)			Lab File ID: G042424.D			Analyzed: 04/25/17 06:28			
Bromochloromethane (1)	175295	8.899	160005	8.899	110	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	734391	10.813	681260	10.813	108	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	563530	15.613	529461	15.613	106	60 - 140	0.0000	+/-0.50	
SS-3 (17D0938-03)			Lab File ID: G042425.D			Analyzed: 04/25/17 07:08			
Bromochloromethane (1)	172713	8.899	160005	8.899	108	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	731186	10.813	681260	10.813	107	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	562970	15.613	529461	15.613	106	60 - 140	0.0000	+/-0.50	
SS-5 (17D0938-05)			Lab File ID: G042426.D			Analyzed: 04/25/17 07:48			
Bromochloromethane (1)	168277	8.899	160005	8.899	105	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	715187	10.813	681260	10.813	105	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	552495	15.613	529461	15.613	104	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SS-6 (17D0938-06) Lab File ID: G042427.D Analyzed: 04/25/17 08:28									
Bromochloromethane (1)	166274	8.899	160005	8.899	104	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	711753	10.813	681260	10.813	104	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	549810	15.613	529461	15.613	104	60 - 140	0.0000	+/-0.50	
SS-7 (17D0938-07) Lab File ID: G042428.D Analyzed: 04/25/17 09:09									
Bromochloromethane (1)	165328	8.899	160005	8.899	103	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	655408	10.813	681260	10.813	96	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	542052	15.613	529461	15.613	102	60 - 140	0.0000	+/-0.50	
SS-4 (17D0938-04) Lab File ID: G042429.D Analyzed: 04/25/17 09:47									
Bromochloromethane (1)	175729	8.899	160005	8.899	110	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	749471	10.813	681260	10.813	110	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	593700	15.613	529461	15.613	112	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S013996-CCV1) Lab File ID: G042507.D Analyzed: 04/25/17 17:41									
Bromochloromethane (1)	187956	8.899	165942	8.899	113	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	605577	10.813	632917	10.813	96	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	454021	15.613	476893	15.613	95	60 - 140	0.0000	+/-0.50	
LCS (B175771-BS1) Lab File ID: G042509.D Analyzed: 04/25/17 18:55									
Bromochloromethane (1)	189905	8.899	187956	8.899	101	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	615159	10.813	605577	10.813	102	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	460285	15.613	454021	15.613	101	60 - 140	0.0000	+/-0.50	
Blank (B175771-BLK1) Lab File ID: G042511.D Analyzed: 04/25/17 20:12									
Bromochloromethane (1)	173756	8.907	187956	8.899	92	60 - 140	0.0080	+/-0.50	
1,4-Difluorobenzene (1)	563211	10.813	605577	10.813	93	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	423523	15.613	454021	15.613	93	60 - 140	0.0000	+/-0.50	
SS-2 (17D0938-02) Lab File ID: G042532.D Analyzed: 04/26/17 10:33									
Bromochloromethane (1)	174892	8.899	187956	8.899	93	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	559343	10.813	605577	10.813	92	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	441577	15.613	454021	15.613	97	60 - 140	0.0000	+/-0.50	
SS-2 (17D0938-02RE1) Lab File ID: G042541.D Analyzed: 04/26/17 16:50									
Bromochloromethane (1)	172761	8.899	187956	8.899	92	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	550223	10.813	605577	10.813	91	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	417356	15.613	454021	15.613	92	60 - 140	0.0000	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S013995-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	4.70	0.9844946	0.9245911		-6.1	30
Benzene	A	5.00	4.22	0.6254584	0.5280756		-15.6	30
Benzyl chloride	A	5.00	4.71	0.7157975	0.6743069		-5.8	30
Bromodichloromethane	A	5.00	4.91	0.4197382	0.4125133		-1.7	30
Bromoform	A	5.00	5.66	0.5109749	0.5783965		13.2	30
Bromomethane	A	5.00	4.02	0.7775734	0.6249505		-19.6	30
1,3-Butadiene	A	5.00	3.74	0.5256821	0.3928177		-25.3	30
2-Butanone (MEK)	A	5.00	4.74	1.302932	1.234601		-5.2	30
Carbon Disulfide	A	5.00	4.71	1.984097	1.870752		-5.7	30
Carbon Tetrachloride	A	5.00	4.78	0.4492047	0.4295593		-4.4	30
Chlorobenzene	A	5.00	5.19	0.6928189	0.7193308		3.8	30
Chloroethane	A	5.00	3.80	0.3722768	0.2827412		-24.1	30
Chloroform	A	5.00	5.62	1.520523	1.707977		12.3	30
Chloromethane	A	5.00	4.31	0.5348565	0.4610256		-13.8	30
Cyclohexane	A	5.00	4.28	0.2754507	0.2360144		-14.3	30
Dibromochloromethane	A	5.00	5.60	0.5324403	0.5964556		12.0	30
1,2-Dibromoethane (EDB)	A	5.00	5.31	0.4421367	0.4694465		6.2	30
1,2-Dichlorobenzene	A	5.00	4.41	0.6568525	0.5797624		-11.7	30
1,3-Dichlorobenzene	A	5.00	4.82	0.6637058	0.6397933		-3.6	30
1,4-Dichlorobenzene	A	5.00	4.89	0.6347745	0.6211419		-2.1	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.80	1.628415	1.888471		16.0	30
1,1-Dichloroethane	A	5.00	4.77	1.291908	1.233321		-4.5	30
1,2-Dichloroethane	A	5.00	5.66	0.8699659	0.9856092		13.3	30
1,1-Dichloroethylene	A	5.00	4.70	1.046757	0.9829293		-6.1	30
cis-1,2-Dichloroethylene	A	5.00	5.14	0.8852668	0.9105915		2.9	30
trans-1,2-Dichloroethylene	A	5.00	4.84	0.9409373	0.9116915		-3.1	30
1,2-Dichloropropane	A	5.00	4.16	0.2211588	0.1841036		-16.8	30
cis-1,3-Dichloropropene	A	5.00	4.91	0.3155136	0.3098424		-1.8	30
trans-1,3-Dichloropropene	A	5.00	5.05	0.2768497	0.2796583		1.0	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	A	5.00	5.15	1.717863	1.770705		3.1	30
1,4-Dioxane	A	5.00	3.85	0.1339406	0.1032111		-22.9	30
Ethanol	A	5.00	3.22	0.2781015	0.1790444		-35.6	30 *
Ethyl Acetate	A	5.00	5.35	0.2139299	0.2290128		7.1	30
Ethylbenzene	A	5.00	4.94	1.10381	1.089945		-1.3	30
4-Ethyltoluene	A	5.00	4.56	1.192982	1.08902		-8.7	30
Heptane	A	5.00	4.19	0.1891749	0.158612		-16.2	30
Hexachlorobutadiene	A	5.00	4.80	0.6920556	0.6640746		-4.0	30
Hexane	A	5.00	4.37	0.8443942	0.7380269		-12.6	30

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CONTINUING CALIBRATION CHECK

EPA TO-15

S013995-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	3.50	0.5492914	0.3839406		-30.1	30 *
Isopropanol	A	5.00	3.73	1.155894	0.8615631		-25.5	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	5.25	1.838879	1.92987		4.9	30
Methylene Chloride	A	5.00	4.43	0.7251174	0.6421299		-11.4	30
4-Methyl-2-pentanone (MIBK)	A	5.00	3.68	0.4432058	0.3257165		-26.5	30
Naphthalene	A	5.00	4.75	1.09064	1.036184		-5.0	30
Propene	A	5.00	4.47	0.5374104	0.480885		-10.5	30
Styrene	A	5.00	4.72	0.6179438	0.5838028		-5.5	30
1,1,2,2-Tetrachloroethane	A	5.00	4.39	0.6717721	0.5898436		-12.2	30
Tetrachloroethylene	A	5.00	5.07	0.4945172	0.5010288		1.3	30
Tetrahydrofuran	A	5.00	5.02	0.3170199	0.3183501		0.4	30
Toluene	A	5.00	5.01	0.876899	0.8789769		0.2	30
1,2,4-Trichlorobenzene	A	5.00	5.12	0.543706	0.5567624		2.4	30
1,1,1-Trichloroethane	A	5.00	4.76	0.4446662	0.4232651		-4.8	30
1,1,2-Trichloroethane	A	5.00	4.76	0.2246675	0.2137207		-4.9	30
Trichloroethylene	A	5.00	4.52	0.2697337	0.2440255		-9.5	30
Trichlorofluoromethane (Freon 11)	A	5.00	5.15	1.818865	1.873911		3.0	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	5.00	5.19	1.433679	1.487774		3.8	30
1,2,4-Trimethylbenzene	A	5.00	4.39	0.9644819	0.8476817		-12.1	30
1,3,5-Trimethylbenzene	A	5.00	4.44	1.016334	0.9016808		-11.3	30
Vinyl Acetate	A	5.00	4.27	1.952611	1.666458		-14.7	30
Vinyl Chloride	A	5.00	4.32	0.6555204	0.5660923		-13.6	30
m&p-Xylene	A	10.0	10.0	0.7864213	0.7893416		0.4	30
o-Xylene	A	5.00	5.11	0.8374321	0.8564181		2.3	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CONTINUING CALIBRATION CHECK
EPA TO-15

S013996-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	4.93	0.9844946	0.9714444		-1.3	30
Benzene	A	5.00	5.33	0.6254584	0.6672935		6.7	30
Benzyl chloride	A	5.00	5.42	0.7157975	0.7758302		8.4	30
Bromodichloromethane	A	5.00	6.08	0.4197382	0.5107592		21.7	30
Bromoform	A	5.00	5.71	0.5109749	0.5837968		14.3	30
Bromomethane	A	5.00	4.11	0.7775734	0.6392815		-17.8	30
1,3-Butadiene	A	5.00	4.43	0.5256821	0.465726		-11.4	30
2-Butanone (MEK)	A	5.00	5.49	1.302932	1.431586		9.9	30
Carbon Disulfide	A	5.00	4.75	1.984097	1.883879		-5.1	30
Carbon Tetrachloride	A	5.00	5.62	0.4492047	0.504426		12.3	30
Chlorobenzene	A	5.00	5.75	0.6928189	0.7973235		15.1	30
Chloroethane	A	5.00	4.19	0.3722768	0.312073		-16.2	30
Chloroform	A	5.00	5.38	1.520523	1.635438		7.6	30
Chloromethane	A	5.00	5.24	0.5348565	0.5601481		4.7	30
Cyclohexane	A	5.00	5.41	0.2754507	0.2980774		8.2	30
Dibromochloromethane	A	5.00	6.36	0.5324403	0.6775264		27.2	30
1,2-Dibromoethane (EDB)	A	5.00	6.35	0.4421367	0.5619053		27.1	30
1,2-Dichlorobenzene	A	5.00	4.29	0.6568525	0.5635193		-14.2	30
1,3-Dichlorobenzene	A	5.00	4.53	0.6637058	0.6013572		-9.4	30
1,4-Dichlorobenzene	A	5.00	4.54	0.6347745	0.5769002		-9.1	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.54	1.628415	1.805095		10.8	30
1,1-Dichloroethane	A	5.00	4.90	1.291908	1.265947		-2.0	30
1,2-Dichloroethane	A	5.00	5.51	0.8699659	0.958752		10.2	30
1,1-Dichloroethylene	A	5.00	4.96	1.046757	1.039035		-0.7	30
cis-1,2-Dichloroethylene	A	5.00	5.28	0.8852668	0.9354274		5.7	30
trans-1,2-Dichloroethylene	A	5.00	5.10	0.9409373	0.9595437		2.0	30
1,2-Dichloropropane	A	5.00	5.62	0.2211588	0.2487598		12.5	30
cis-1,3-Dichloropropene	A	5.00	6.29	0.3155136	0.3968499		25.8	30
trans-1,3-Dichloropropene	A	5.00	6.30	0.2768497	0.3490331		26.1	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 113)	A	5.00	5.16	1.717863	1.773266		3.2	30
1,4-Dioxane	A	5.00	5.41	0.1339406	0.1448087		8.1	30
Ethanol	A	5.00	3.88	0.2781015	0.2156334		-22.5	30
Ethyl Acetate	A	5.00	5.50	0.2139299	0.2351444		9.9	30
Ethylbenzene	A	5.00	5.81	1.10381	1.282312		16.2	30
4-Ethyltoluene	A	5.00	4.80	1.192982	1.145364		-4.0	30
Heptane	A	5.00	5.69	0.1891749	0.2153345		13.8	30
Hexachlorobutadiene	A	5.00	4.85	0.6920556	0.6714685		-3.0	30
Hexane	A	5.00	4.86	0.8443942	0.8211454		-2.8	30

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CONTINUING CALIBRATION CHECK

EPA TO-15

S013996-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	6.48	0.5492914	0.7121292		29.6	30
Isopropanol	A	5.00	4.60	1.155894	1.063287		-8.0	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	5.01	1.838879	1.843121		0.2	30
Methylene Chloride	A	5.00	5.06	0.7251174	0.7333461		1.1	30
4-Methyl-2-pentanone (MIBK)	A	5.00	6.21	0.4432058	0.5505625		24.2	30
Naphthalene	A	5.00	6.44	1.09064	1.405817		28.9	30
Propene	A	5.00	5.41	0.5374104	0.5817957		8.3	30
Styrene	A	5.00	5.26	0.6179438	0.6495664		5.1	30
1,1,2,2-Tetrachloroethane	A	5.00	5.28	0.6717721	0.7095566		5.6	30
Tetrachloroethylene	A	5.00	5.44	0.4945172	0.538065		8.8	30
Tetrahydrofuran	A	5.00	5.04	0.3170199	0.319445		0.8	30
Toluene	A	5.00	6.17	0.876899	1.082223		23.4	30
1,2,4-Trichlorobenzene	A	5.00	5.63	0.543706	0.6126836		12.7	30
1,1,1-Trichloroethane	A	5.00	5.70	0.4446662	0.5068621		14.0	30
1,1,2-Trichloroethane	A	5.00	5.82	0.2246675	0.2617148		16.5	30
Trichloroethylene	A	5.00	5.46	0.2697337	0.2946611		9.2	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.88	1.818865	1.774296		-2.5	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	5.00	4.72	1.433679	1.354138		-5.5	30
1,2,4-Trimethylbenzene	A	5.00	4.63	0.9644819	0.8923358		-7.5	30
1,3,5-Trimethylbenzene	A	5.00	4.80	1.016334	0.9747672		-4.1	30
Vinyl Acetate	A	5.00	5.47	1.952611	2.134806		9.3	30
Vinyl Chloride	A	5.00	4.99	0.6555204	0.6541105		-0.2	30
m&p-Xylene	A	10.0	11.6	0.7864213	0.913482		16.2	30
o-Xylene	A	5.00	5.80	0.8374321	0.9713172		16.0	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA TO-15 in Air</i>	
Acetone	AIHA,NY,ME
Benzene	AIHA,FL,NJ,NY,VA,ME
Benzyl chloride	AIHA,FL,NJ,NY,VA,ME
Bromodichloromethane	AIHA,NJ,NY,VA,ME
Bromoform	AIHA,NJ,NY,VA,ME
Bromomethane	AIHA,FL,NJ,NY,ME
1,3-Butadiene	AIHA,NJ,NY,VA,ME
2-Butanone (MEK)	AIHA,FL,NJ,NY,VA,ME
Carbon Disulfide	AIHA,NJ,NY,VA,ME
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA,ME
Chlorobenzene	AIHA,FL,NJ,NY,VA,ME
Chloroethane	AIHA,FL,NJ,NY,VA,ME
Chloroform	AIHA,FL,NJ,NY,VA,ME
Chloromethane	AIHA,FL,NJ,NY,VA,ME
Cyclohexane	AIHA,NJ,NY,VA,ME
Dibromochloromethane	AIHA,NY,ME
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA,ME
1,3-Dichlorobenzene	AIHA,NJ,NY,ME
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,VA,ME
Dichlorodifluoromethane (Freon 12)	AIHA,NY,ME
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA,ME
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA,ME
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA,ME
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA,ME
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA,ME
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA,ME
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,VA,ME
trans-1,3-Dichloropropene	AIHA,NY,ME
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,NY,VA,ME
1,4-Dioxane	AIHA,NJ,NY,VA,ME
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,VA,ME
4-Ethyltoluene	AIHA,NJ
Heptane	AIHA,NJ,NY,VA,ME
Hexachlorobutadiene	AIHA,NJ,NY,VA,ME
Hexane	AIHA,FL,NJ,NY,VA,ME
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY,ME
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA,ME
Methylene Chloride	AIHA,FL,NJ,NY,VA,ME
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY,ME
Naphthalene	NY,ME
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,VA,ME
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,VA,ME

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA TO-15 in Air</i>	
Tetrachloroethylene	AIHA,FL,NJ,NY,VA,ME
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,VA,ME
1,2,4-Trichlorobenzene	AIHA,NJ,NY,VA,ME
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA,ME
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,VA,ME
Trichloroethylene	AIHA,FL,NJ,NY,VA,ME
Trichlorofluoromethane (Freon 11)	AIHA,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,VA,ME
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME
Vinyl Acetate	AIHA,FL,NJ,NY,VA,ME
Vinyl Chloride	AIHA,FL,NJ,NY,VA,ME
m&p-Xylene	AIHA,FL,NJ,NY,VA,ME
o-Xylene	AIHA,FL,NJ,NY,VA,ME

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017



Email: info@contestlabs.com

LiRo Engineers

Address: 690 Delaware Ave. Buffalo, NY 14209

Phone:

Project Name: 683 Northland Ave.

Project Location: Buffalo NY

Project Number: 15-029-1054

Project Manager: Jon Williams

Con-Test Bid:

Invoice Recipient: Jon Williams

Sampled By: J. Williams/Ki Charney

Requested Turnaround Time
 7-Day
 10-Day
 Other: _____

Rush Approval Required
 1-Day
 3-Day
 2-Day
 4-Day
 Other: _____

Data Delivery
 Format: PDF EXCEL
 Other: _____

Enhanced Data Package Required:
 Email To: williamsj@lro.com
 Fax To #: _____

Lab Use	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume
		Beginning Date/Time	Ending Date/Time				
01	SS-1	4/17 12:00	4/18 12:06	1446	0.0041	SS	6L
02	SS-2	4/17 12:52	4/18 12:44	1432	0.0042	SS	6L
03	SS-3	4/17 11:52	4/18 11:52	1440	0.0042	SS	6L
04	SS-4	4/17 13:48	4/18 12:53	1385	0.0043	SS	6L
05	SS-5	4/17 12:10	4/18 12:27	1457	0.0041	SS	6L
06	SS-6	4/17 12:18	4/18 12:20	1442	0.0042	SS	6L
07	SS-7	4/17 11:36	4/18 11:35	1439	0.0042	SS	6L

ANALYSIS REQUESTED
TO-15

" Hg	Lab Receipt Pressure		Summa Can ID	Flow Controller ID
	Initial Pressure	Final Pressure		
	30	8.5	2169	3256
	30	6	1039	3310
	29.5	7	1459	3257
	28.5	10	1022	3491
	29.5	8	1969	3694
	29.5	7	1843	3083
	27.5	4	2225	3082

Comments:
 Please use the following codes to indicate possible sample concentration within the Conc Code column above:
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:
 SG = SOIL GAS
 IA = INDOOR AIR
 AMB = AMBIENT
 SS = SUB SLAB
 D = DUP
 BL = BLANK
 O = Other _____

Detection Limits Requirements:
 MA MA MCP Required
 CT CT RCP Required

Special Requirements:
 AS-B
 NY
 Enhanced Data Package Required

Relinquished by: (Signature) [Signature] Date/Time: 4/18/17 13:30

Received by: (Signature) [Signature] Date/Time: 4/20/17

Relinquished by: (Signature) _____ Date/Time: _____

Received by: (Signature) _____ Date/Time: _____

Relinquished by: (Signature) _____ Date/Time: _____

Received by: (Signature) _____ Date/Time: _____

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



Shipping

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790643865602

Ship date:
Tue 4/18/2017

BUFFALO, NY US



Delivered

Signed for by: PBLAKE

Actual delivery:
Thu 4/20/2017 12:13 pm

East Longmeadow, MA US

Returns

Travel History

Date/Time	Activity	Location
4/20/2017 - Thursday		
12:13 pm	Delivered	East Longmeadow, MA
6:48 am	On FedEx vehicle for delivery	CHICOPEE, MA
4:54 am	At local FedEx facility	CHICOPEE, MA
4/19/2017 - Wednesday		
6:33 pm	Departed FedEx location	WILLINGTON, CT
3:37 pm	Arrived at FedEx location	WILLINGTON, CT
1:05 pm	In transit	WILLINGTON, TOWN OF, CT
4/18/2017 - Tuesday		
10:21 pm	Left FedEx origin facility	BUFFALO, NY
8:23 pm	Arrived at FedEx location	BUFFALO, NY
6:46 pm	Picked up	BUFFALO, NY
1:30 pm	In FedEx possession Tendered at FedEx location	CHEEKTOWAGA, NY

Shipment Facts

Tracking number	790643865602	Service	FedEx Ground
Weight	26.8 lbs / 12.16 kgs	Dimensions	22x19x14 in.
Total pieces	1	Return reason	
Terms	Shipper	Packaging	Package
Special handling section	Package Returns Program	Standard transit	4/20/2017



Customer Focus

- New Customer Center
- Small Business Center
- Service Guide
- Customer Support

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- FedEx SameDay
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- FedEx Custom Critical
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- FedEx Supply Chain

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United States -

Ask FedEx



39 Spruce St.
 East Longmeadow, MA.
 01028
 P: 413-525-2332
 F: 413-525-6405

AIR Only Receipt Checklist

CLIENT NAME Liro RECEIVED BY: PB DATE: 4.20.17

1) Was the chain(s) of custody relinquished and signed? Yes No

2) Does the chain agree with the samples? Yes No
 If not, explain:

3) Are all the samples in good condition? Yes No
 If not, explain:

4) Are there any samples "On Hold"? Yes No Stored where:

5) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
 Who was notified _____ Date _____ Time _____

6) Location where samples are stored: Permission to subcontract samples? Yes No
 (Walk-in clients only) if not already approved
 Client Signature: _____

7) Number of cans Individually Certified or Batch Certified? None

Containers received at Con-Test		
	# of Containers	Types (Size, Duration)
Summa Cans (TO-14/TO-15/APH)	7	6 Lit
Tedlar Bags		
TO-17 Tubes		
Regulators	7	24 hr
Restrictors		
Hg/Hopcalite Tube (NIOSH 6009)		
(TO-4A/ TO-10A/TO-13) PUFs		
PCB Florisil Tubes (NIOSH 5503)		
Air cassette		
PM 2.5/PM 10		
TO-11A Cartridges		
Other		

Unused Summas/PUF Media:

Unused Regulators:
 Nut/Ferrule x 7
 Tubing x 28
 Shipping \$32.95

1) Was all media (used & unused) checked into the WASP?

2) Were all returned summa cans, Restrictors & Regulators and PUF's documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments:			2169	19169	3256	3694				
			1039	1843	3310	3083				
			1459	2225	3257	3082				
			1022		3491					

Page 2 of 2

Login Sample Receipt Checklist**(Rejection Criteria Listing - Using Sample Acceptance Policy)****Any False statement will be brought to the attention of Client**

<u>Question</u>	<u>Answer (True/False)</u>		<u>Comment</u>
	<u>T/F/NA</u>		
1) The coolers'/boxes' custody seal, if present, is intact.	NA		
2) The cooler or samples do not appear to have been compromised or tampered with.	T		
3) Samples were received on ice.	NA		
4) Cooler Temperature is acceptable.	NA		
5) Cooler Temperature is recorded.	NA		
6) COC is filled out in ink and legible.	T		
7) COC is filled out with all pertinent information.	T		
8) Field Sampler's name present on COC.	T		
9) Samples are received within Holding Time.	T		
10) Sample containers have legible labels.	T		
11) Containers/media are not broken or leaking and valves and caps are closed tightly.	T		
12) Sample collection date/times are provided.	T		
13) Appropriate sample/media containers are used.	T		
14) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T		
15) Trip blanks provided if applicable.	NA		

Doc #278 Rev. 5 October 2014

Who notified of False statements?

Log-In Technician Initials: PB

Date/Time:

Date/Time: 4.20.17

12:13



Air Sampling Media Certificate of Analysis

Date Analyzed: 3/29/2017 **Batch #:** 17CC215

Certification Type: *Batch Certified* *Individual Certified*

Media Type: *Summa Canister* *Flow Controllers*

Media IDs: BC2169 _____

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes: _____

Analyst Initials/Date: CMR 5/1/17



Air Sampling Media Certificate of Analysis

Date Analyzed: 3/24/2017 **Batch #:** 17CC205

Certification Type: *Batch Certified* *Individual Certified*

Media Type: *Summa Canister* *Flow Controllers*

Media IDs: BC1039 _____

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes: _____

Analyst Initials/Date: CMR 5/1/17



Air Sampling Media Certificate of Analysis

Date Analyzed: 3/24/2017 **Batch #:** 17CC209

Certification Type: *Batch Certified* *Individual Certified*

Media Type: *Summa Canister* *Flow Controllers*

Media IDs: BC1459 BC1843 BC2225

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes: _____

Analyst Initials/Date: CMR 5/1/17



Air Sampling Media Certificate of Analysis

Date Analyzed: 3/30/2017 **Batch #:** 17CC223

Certification Type: *Batch Certified* *Individual Certified*

Media Type: *Summa Canister* *Flow Controllers*

Media IDs: BC1022 BC1969 _____

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

Units: PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

Special Notes: _____

Analyst Initials/Date: CMR 5/1/17



Technical Report

prepared for:

LiRo Engineers
690 Delaware Ave.
Buffalo NY, 14209-2202
Attention: Jon Williams

Report Date: 06/23/2017
Client Project ID: 15-029-1054
York Project (SDG) No.: 17F0347

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

LiRo Engineers
690 Delaware Ave.
Buffalo NY, 14209-2202
Attention: Jon Williams

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 09, 2017 and listed below. The project was identified as your project: **15-029-1054**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17F0347-01	LB-35-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-02	LB-35-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-03	LB-35-COMP 3	Soil	06/07/2017	06/09/2017
17F0347-04	LB-36-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-05	LB-36-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-06	LB-37-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-07	LB-37-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-08	LB-29-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-09	LB-29-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-10	LB-30-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-11	LB-30-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-12	LB-31-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-13	LB-31-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-14	LB-32-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-15	LB-32-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-16	LB-33-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-17	LB-33-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-18	LB-34-COMP 1	Soil	06/07/2017	06/09/2017
17F0347-19	LB-34-COMP 2	Soil	06/07/2017	06/09/2017
17F0347-20	SFC-1-Surface	Soil	06/07/2017	06/09/2017
17F0347-21	SFC-2-Surface	Soil	06/07/2017	06/09/2017
17F0347-22	SFC-2-2-12	Soil	06/07/2017	06/09/2017
17F0347-23	SFC-3-Surface	Soil	06/07/2017	06/09/2017

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17F0347-24	SFC-4-Surface	Soil	06/07/2017	06/09/2017
17F0347-25	SFC-4-2-12	Soil	06/07/2017	06/09/2017
17F0347-26	060717-RB-01	Water	06/07/2017	06/09/2017

General Notes for York Project (SDG) No.: 17F0347

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Date: 06/23/2017

Benjamin Gulizia
Laboratory Director





Sample Information

Client Sample ID: LB-35-COMP 1

York Sample ID: 17F0347-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17F0347	15-029-1054	Soil	June 7, 2017 8:20 am	06/09/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 13:41	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 13:41	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 13:41	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 13:41	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 13:41	SA
11097-69-1	Aroclor 1254	0.783		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 13:41	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 13:41	SA
1336-36-3	* Total PCBs	0.783		mg/kg dry	0.0191	1	EPA 8082A Certifications:	06/16/2017 08:22	06/16/2017 13:41	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	25.0 %	S-DUP	30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	23.5 %	S-DUP	30-140						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Sample Information

Client Sample ID: LB-35-COMP 2

York Sample ID: 17F0347-02

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
17F0347	15-029-1054	Soil	June 7, 2017 8:25 am	06/09/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:05	SA



Sample Information

Client Sample ID: LB-35-COMP 2

York Sample ID: 17F0347-02

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 8:25 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:05	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:05	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:05	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:05	SA
11097-69-1	Aroclor 1254	0.702		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:05	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:05	SA
1336-36-3	* Total PCBs	0.702		mg/kg dry	0.0195	1	EPA 8082A Certifications:	06/16/2017 08:22	06/16/2017 14:05	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	27.0 %	GC-Sur		30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	30.0 %	r		30-140					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.4		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Sample Information

Client Sample ID: LB-35-COMP 3

York Sample ID: 17F0347-03

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 8:30 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 16:40	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 16:40	SA



Sample Information

Client Sample ID: LB-35-COMP 3

York Sample ID: 17F0347-03

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 8:30 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 16:40	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 16:40	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 16:40	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 16:40	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 16:40	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	06/15/2017 09:04	06/15/2017 16:40	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	30.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	25.0 %	GC-Sur		30-140					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.0		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Sample Information

Client Sample ID: LB-36-COMP 1

York Sample ID: 17F0347-04

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 8:45 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:29	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:29	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:29	SA



Sample Information

Client Sample ID: LB-36-COMP 1

York Sample ID: 17F0347-04

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 8:45 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:29	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:29	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:29	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 14:29	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	06/16/2017 08:22	06/16/2017 14:29	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	31.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	24.5 %	GC-Sur		30-140					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.4		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Sample Information

Client Sample ID: LB-36-COMP 2

York Sample ID: 17F0347-05

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 9:00 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:00	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:00	SA



Sample Information

Client Sample ID: LB-36-COMP 2

York Sample ID: 17F0347-05

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 9:00 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:00	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:00	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	06/16/2017 08:22	06/16/2017 17:00	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	30.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	32.5 %	30-140							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.1		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Sample Information

Client Sample ID: LB-37-COMP 1

York Sample ID: 17F0347-06

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 9:30 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 17:53	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 17:53	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 17:53	SA
53469-21-9	Aroclor 1242	0.0830		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 17:53	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 17:53	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 17:53	SA



Sample Information

Client Sample ID: LB-37-COMP 1

York Sample ID: 17F0347-06

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 9:30 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 17:53	SA
1336-36-3	* Total PCBs	0.0830		mg/kg dry	0.0174	1	EPA 8082A Certifications:	06/15/2017 09:04	06/15/2017 17:53	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	30.0 %								30-140
2051-24-3	Surrogate: Decachlorobiphenyl	28.0 %	GC-Sur							30-140

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.7		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Sample Information

Client Sample ID: LB-37-COMP 2

York Sample ID: 17F0347-07

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 9:45 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:05	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:05	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:05	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:05	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:05	SA
11097-69-1	Aroclor 1254	0.185		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:05	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:05	SA



Sample Information

Client Sample ID: LB-37-COMP 2

York Sample ID: 17F0347-07

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 9:45 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	0.185		mg/kg dry	0.0205	1	EPA 8082A	06/15/2017 09:04	06/15/2017 21:05	SA
Certifications:										
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	32.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	26.5 %	GC-Sur		30-140					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.1		%	0.100	1	SM 2540G	06/13/2017 11:17	06/13/2017 13:09	TAJ
Certifications: CTDOH										

Sample Information

Client Sample ID: LB-29-COMP 1

York Sample ID: 17F0347-08

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:00 am	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	49.0	97.7	2	EPA 8270D	06/15/2017 08:05	06/22/2017 01:23	SR
Certifications: NELAC-NY10854,NJDEP,PADEP											
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.7	195	2	EPA 8270D	06/15/2017 08:05	06/22/2017 01:23	SR
Certifications: NELAC-NY10854,NJDEP,PADEP											
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D	06/15/2017 08:05	06/22/2017 01:23	SR
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D	06/15/2017 08:05	06/22/2017 01:23	SR
Certifications: NELAC-NY10854,PADEP											
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.0	97.7	2	EPA 8270D	06/15/2017 08:05	06/22/2017 01:23	SR
Certifications: NELAC-NY10854,NJDEP,PADEP											
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D	06/15/2017 08:05	06/22/2017 01:23	SR
Certifications: NELAC-NY10854,PADEP											
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D	06/15/2017 08:05	06/22/2017 01:23	SR
Certifications: NELAC-NY10854,PADEP											
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D	06/15/2017 08:05	06/22/2017 01:23	SR
Certifications: NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: LB-29-COMP 1

York Sample ID: 17F0347-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:00 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR



Sample Information

Client Sample ID: LB-29-COMP 1

York Sample ID: 17F0347-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:00 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	212		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
208-96-8	Acenaphthylene	102		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
98-86-2	Acetophenone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
62-53-3	Aniline	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
120-12-7	Anthracene	603		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
1912-24-9	Atrazine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
92-87-5	Benzidine	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
56-55-3	Benzo(a)anthracene	2140		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
50-32-8	Benzo(a)pyrene	2730		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
205-99-2	Benzo(b)fluoranthene	3600		ug/kg dry	122	244	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:23	SR
191-24-2	Benzo(g,h,i)perylene	1260		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
207-08-9	Benzo(k)fluoranthene	2450		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
65-85-0	Benzoic acid	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
105-60-2	Caprolactam	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
86-74-8	Carbazole	675		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
218-01-9	Chrysene	2480		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR



Sample Information

Client Sample ID: LB-29-COMP 1

York Sample ID: 17F0347-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:00 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	709		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
132-64-9	Dibenzofuran	105		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
206-44-0	Fluoranthene	4720		ug/kg dry	122	244	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:23	SR
86-73-7	Fluorene	237		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	1280		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
78-59-1	Isophorone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
91-20-3	Naphthalene	78.9	J	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
85-01-8	Phenanthrene	2390		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
108-95-2	Phenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:23	SR
129-00-0	Pyrene	4720		ug/kg dry	122	244	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:23	SR



Sample Information

Client Sample ID: LB-29-COMP 1

York Sample ID: 17F0347-08

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:00 am	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	86.9 %									
4165-62-2	Surrogate: Phenol-d5	83.1 %									
4165-60-0	Surrogate: Nitrobenzene-d5	87.1 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	68.5 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	93.8 %									
1718-51-0	Surrogate: Terphenyl-d14	52.5 %									

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
309-00-2	Aldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/16/2017 19:25	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
72-20-8	Endrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA



Sample Information

Client Sample ID: LB-29-COMP 1

York Sample ID: 17F0347-08

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:00 am	<u>Date Received</u> 06/09/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/16/2017 19:25	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.64	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
8001-35-2	Toxaphene	ND		ug/kg dry	97.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:25	SA
Surrogate Recoveries		Result			Acceptance Range					
2051-24-3	Surrogate: Decachlorobiphenyl	87.7 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	37.5 %			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:11	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:11	SA
11097-69-1	Aroclor 1254	0.600		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:11	SA
1336-36-3	* Total PCBs	0.600		mg/kg dry	0.0195	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 18:11	SA
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	55.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	54.5 %			30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: LB-29-COMP 1

York Sample ID: 17F0347-08

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:00 am	<u>Date Received</u> 06/09/2017
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6580		mg/kg dry	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-36-0	Antimony	10.4		mg/kg dry	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-38-2	Arsenic	4.61		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-39-3	Barium	379		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.117	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-43-9	Cadmium	0.893		mg/kg dry	0.351	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-70-2	Calcium	50500		mg/kg dry	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-47-3	Chromium	281		mg/kg dry	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-48-4	Cobalt	21.4		mg/kg dry	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-50-8	Copper	291		mg/kg dry	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7439-89-6	Iron	99300		mg/kg dry	23.4	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 07:33	KML
7439-92-1	Lead	421		mg/kg dry	0.351	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7439-95-4	Magnesium	6520		mg/kg dry	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7439-96-5	Manganese	ND		mg/kg dry	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-02-0	Nickel	221		mg/kg dry	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-09-7	Potassium	1550	B	mg/kg dry	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7782-49-2	Selenium	28.8		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-22-4	Silver	ND		mg/kg dry	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-23-5	Sodium	360		mg/kg dry	11.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-28-0	Thallium	19.3		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-62-2	Vanadium	215		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML
7440-66-6	Zinc	218		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 14:07	KML



Sample Information

Client Sample ID: LB-29-COMP 1

York Sample ID: 17F0347-08

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:00 am	<u>Date Received</u> 06/09/2017
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Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.215		mg/kg dry	0.0351	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 10:45	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.4		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.996		mg/kg dry	0.586	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD

Sample Information

Client Sample ID: LB-29-COMP 2

York Sample ID: 17F0347-09

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:15 am	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR



Sample Information

Client Sample ID: LB-29-COMP 2

York Sample ID: 17F0347-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:15 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
91-57-6	2-Methylnaphthalene	107		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR



Sample Information

Client Sample ID: LB-29-COMP 2

York Sample ID: 17F0347-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:15 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
83-32-9	Acenaphthene	272		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
208-96-8	Acenaphthylene	55.8	J	ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
98-86-2	Acetophenone	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
62-53-3	Aniline	ND		ug/kg dry	215	430	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
120-12-7	Anthracene	572		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
1912-24-9	Atrazine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
92-87-5	Benzidine	ND		ug/kg dry	215	430	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
56-55-3	Benzo(a)anthracene	1420		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
50-32-8	Benzo(a)pyrene	1710		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
205-99-2	Benzo(b)fluoranthene	1770		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
191-24-2	Benzo(g,h,i)perylene	655		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
207-08-9	Benzo(k)fluoranthene	1750		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
65-85-0	Benzoic acid	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	148		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
105-60-2	Caprolactam	ND		ug/kg dry	107	214	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR



Sample Information

Client Sample ID: LB-29-COMP 2

York Sample ID: 17F0347-09

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:15 am	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	504		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
218-01-9	Chrysene	1570		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
53-70-3	Dibenzo(a,h)anthracene	281		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
132-64-9	Dibenzofuran	142		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
84-74-2	Di-n-butyl phthalate	68.6	J	ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
206-44-0	Fluoranthene	3340		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
86-73-7	Fluorene	312		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	650		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
78-59-1	Isophorone	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
91-20-3	Naphthalene	174		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
85-01-8	Phenanthrene	2290		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR



Sample Information

Client Sample ID: LB-29-COMP 2

York Sample ID: 17F0347-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:15 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
129-00-0	Pyrene	2360		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 01:56	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	62.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	60.1 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	61.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.0 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	89.2 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	49.1 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
309-00-2	Aldrin	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 19:35	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
57-74-9	Chlordane, total	ND		ug/kg dry	42.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
72-20-8	Endrin	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA



Sample Information

Client Sample ID: LB-29-COMP 2

York Sample ID: 17F0347-09

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:15 am	<u>Date Received</u> 06/09/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 19:35	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.12	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA
8001-35-2	Toxaphene	ND		ug/kg dry	107	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:35	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	79.4 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	85.9 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:35	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:35	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:35	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:35	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:35	SA
11097-69-1	Aroclor 1254	0.147		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:35	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 18:35	SA
1336-36-3	* Total PCBs	0.147		mg/kg dry	0.0214	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 18:35	SA

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	67.0 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	60.0 %	30-140



Sample Information

Client Sample ID: LB-29-COMP 2

York Sample ID: 17F0347-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:15 am

06/09/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11300		mg/kg dry	6.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-36-0	Antimony	8.39		mg/kg dry	0.643	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-38-2	Arsenic	5.18		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-39-3	Barium	828		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-41-7	Beryllium	0.319		mg/kg dry	0.129	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-43-9	Cadmium	1.67		mg/kg dry	0.386	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-70-2	Calcium	43900		mg/kg dry	6.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-47-3	Chromium	261		mg/kg dry	0.643	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-48-4	Cobalt	22.0		mg/kg dry	0.643	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-50-8	Copper	619		mg/kg dry	0.643	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7439-89-6	Iron	91100		mg/kg dry	25.7	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 07:39	KML
7439-92-1	Lead	338		mg/kg dry	0.386	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7439-95-4	Magnesium	9000		mg/kg dry	6.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7439-95-4	Magnesium	5230		mg/kg dry	64.3	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 07:39	KML
7440-02-0	Nickel	236		mg/kg dry	0.643	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-09-7	Potassium	2920	B	mg/kg dry	6.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7782-49-2	Selenium	26.7		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-22-4	Silver	0.798		mg/kg dry	0.643	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-23-5	Sodium	296		mg/kg dry	12.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-28-0	Thallium	20.5		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML
7440-62-2	Vanadium	73.9		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML



Sample Information

Client Sample ID: LB-29-COMP 2

York Sample ID: 17F0347-09

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:15 am	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	311		mg/kg dry	1.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:20	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.110		mg/kg dry	0.0386	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 12:14	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.7		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.643	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 10:48	06/15/2017 16:40	AD

Sample Information

Client Sample ID: LB-30-COMP 1

York Sample ID: 17F0347-10

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:45 am	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR



Sample Information

Client Sample ID: LB-30-COMP 1

York Sample ID: 17F0347-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:45 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
91-57-6	2-Methylnaphthalene	75.1	J	ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR



Sample Information

Client Sample ID: LB-30-COMP 1

York Sample ID: 17F0347-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:45 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
83-32-9	Acenaphthene	680		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
208-96-8	Acenaphthylene	54.5	J	ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
98-86-2	Acetophenone	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
62-53-3	Aniline	ND		ug/kg dry	184	369	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
120-12-7	Anthracene	1690		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
1912-24-9	Atrazine	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
92-87-5	Benzidine	ND		ug/kg dry	184	369	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
56-55-3	Benzo(a)anthracene	3520		ug/kg dry	231	460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:55	SR
50-32-8	Benzo(a)pyrene	4110		ug/kg dry	231	460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:55	SR
205-99-2	Benzo(b)fluoranthene	3750		ug/kg dry	231	460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:55	SR
191-24-2	Benzo(g,h,i)perylene	1170		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
207-08-9	Benzo(k)fluoranthene	2410		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
65-85-0	Benzoic acid	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR



Sample Information

Client Sample ID: LB-30-COMP 1

York Sample ID: 17F0347-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:45 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
117-81-7	Bis(2-ethylhexyl)phthalate	204		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
105-60-2	Caprolactam	ND		ug/kg dry	92.1	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
86-74-8	Carbazole	1540		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
218-01-9	Chrysene	3900		ug/kg dry	231	460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:55	SR
53-70-3	Dibenzo(a,h)anthracene	746		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
132-64-9	Dibenzofuran	322		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
84-74-2	Di-n-butyl phthalate	126		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
206-44-0	Fluoranthene	8910		ug/kg dry	231	460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:55	SR
86-73-7	Fluorene	785		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
193-39-5	Indeno(1,2,3-cd)pyrene	1240		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
78-59-1	Isophorone	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
91-20-3	Naphthalene	114		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR



Sample Information

Client Sample ID: LB-30-COMP 1

York Sample ID: 17F0347-10

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:45 am	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
85-01-8	Phenanthrene	6710		ug/kg dry	231	460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:55	SR
108-95-2	Phenol	ND		ug/kg dry	46.1	92.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 02:29	SR
129-00-0	Pyrene	6260		ug/kg dry	231	460	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 12:55	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	75.4 %	20-108								
4165-62-2	Surrogate: Phenol-d5	71.5 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	74.9 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	62.0 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	81.8 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	45.6 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
309-00-2	Aldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/16/2017 19:10	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA



Sample Information

Client Sample ID: LB-30-COMP 1

York Sample ID: 17F0347-10

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:45 am	<u>Date Received</u> 06/09/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
72-20-8	Endrin	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/16/2017 19:10	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:10	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	77.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	51.1 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0919	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/15/2017 11:56	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0919	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/15/2017 11:56	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0919	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/15/2017 11:56	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0919	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/15/2017 11:56	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0919	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/15/2017 11:56	SA
11097-69-1	Aroclor 1254	2.35		mg/kg dry	0.0919	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/15/2017 11:56	SA



Sample Information

Client Sample ID: LB-30-COMP 1

York Sample ID: 17F0347-10

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:45 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0919	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/15/2017 11:56	SA
1336-36-3	* Total PCBs	2.35		mg/kg dry	0.0919	5	EPA 8082A Certifications:	06/14/2017 07:46	06/15/2017 11:56	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	80.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	80.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3320		mg/kg dry	5.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-36-0	Antimony	4.58		mg/kg dry	0.552	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-38-2	Arsenic	2.06		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-39-3	Barium	1790		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-43-9	Cadmium	2.67		mg/kg dry	0.331	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-70-2	Calcium	7410		mg/kg dry	5.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-47-3	Chromium	434		mg/kg dry	0.552	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-48-4	Cobalt	28.7		mg/kg dry	0.552	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-50-8	Copper	479		mg/kg dry	0.552	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7439-89-6	Iron	173000		mg/kg dry	22.1	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 07:44	KML
7439-92-1	Lead	179		mg/kg dry	0.331	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7439-95-4	Magnesium	1040		mg/kg dry	5.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-02-0	Nickel	178		mg/kg dry	0.552	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-09-7	Potassium	803	B	mg/kg dry	5.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML



Sample Information

Client Sample ID: LB-30-COMP 1

York Sample ID: 17F0347-10

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:45 am	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	60.6		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-22-4	Silver	ND		mg/kg dry	0.552	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-23-5	Sodium	1020		mg/kg dry	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-28-0	Thallium	109		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-62-2	Vanadium	28.1		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML
7440-66-6	Zinc	588		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:28	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0709		mg/kg dry	0.0331	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 12:23	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.6		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.552	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 10:48	06/15/2017 16:40	AD

Sample Information

Client Sample ID: LB-30-COMP 2

York Sample ID: 17F0347-11

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:50 am	<u>Date Received</u> 06/09/2017
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Sample Information

Client Sample ID: LB-30-COMP 2

York Sample ID: 17F0347-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:50 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	1570		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
91-57-6	2-Methylnaphthalene	5190		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR



Sample Information

Client Sample ID: LB-30-COMP 2

York Sample ID: 17F0347-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:50 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
83-32-9	Acenaphthene	42400		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
98-86-2	Acetophenone	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
62-53-3	Aniline	ND		ug/kg dry	1050	2100	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
120-12-7	Anthracene	55000		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
1912-24-9	Atrazine	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
92-87-5	Benzidine	ND		ug/kg dry	1050	2100	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
56-55-3	Benzo(a)anthracene	65900		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
50-32-8	Benzo(a)pyrene	66000		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
205-99-2	Benzo(b)fluoranthene	56200		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
191-24-2	Benzo(g,h,i)perylene	27700		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
207-08-9	Benzo(k)fluoranthene	62200		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
65-85-0	Benzoic acid	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR



Sample Information

Client Sample ID: LB-30-COMP 2

York Sample ID: 17F0347-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:50 am

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
105-60-2	Caprolactam	ND		ug/kg dry	524	1050	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
86-74-8	Carbazole	67400		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
218-01-9	Chrysene	71200		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
53-70-3	Dibenzo(a,h)anthracene	13300		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
132-64-9	Dibenzofuran	23900		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
206-44-0	Fluoranthene	242000		ug/kg dry	5250	10500	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 15:04	SR
86-73-7	Fluorene	50500		ug/kg dry	2630	5240	100	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	27900		ug/kg dry	2630	5240	100	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 14:32	SR
78-59-1	Isophorone	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
91-20-3	Naphthalene	6580		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR



Sample Information

Client Sample ID: LB-30-COMP 2

York Sample ID: 17F0347-11

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:50 am	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
85-01-8	Phenanthrene	283000		ug/kg dry	5250	10500	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 15:04	SR
108-95-2	Phenol	ND		ug/kg dry	263	524	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 13:28	SR
129-00-0	Pyrene	170000		ug/kg dry	5250	10500	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 15:04	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	69.6 %	20-108								
4165-62-2	Surrogate: Phenol-d5	66.3 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	63.9 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	68.8 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.3 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	58.2 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
309-00-2	Aldrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/16/2017 19:40	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
57-74-9	Chlordane, total	ND		ug/kg dry	41.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA



Sample Information

Client Sample ID: LB-30-COMP 2

York Sample ID: 17F0347-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 10:50 am

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
72-20-8	Endrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/16/2017 19:40	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
8001-35-2	Toxaphene	ND		ug/kg dry	104	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/16/2017 19:40	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	73.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	34.3 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:23	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:23	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:23	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:23	SA



Sample Information

Client Sample ID: LB-30-COMP 2

York Sample ID: 17F0347-11

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:50 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:23	SA
11097-69-1	Aroclor 1254	0.365		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:23	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:23	SA
1336-36-3	* Total PCBs	0.365		mg/kg dry	0.0207	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 19:23	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	57.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6020		mg/kg dry	6.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-36-0	Antimony	5.18		mg/kg dry	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-38-2	Arsenic	25.1		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-39-3	Barium	507		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-41-7	Beryllium	0.308		mg/kg dry	0.126	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-43-9	Cadmium	1.32		mg/kg dry	0.378	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-70-2	Calcium	16300		mg/kg dry	6.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-47-3	Chromium	155		mg/kg dry	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-48-4	Cobalt	17.3		mg/kg dry	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-50-8	Copper	287		mg/kg dry	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7439-89-6	Iron	125000		mg/kg dry	25.2	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 07:49	KML
7439-92-1	Lead	140		mg/kg dry	0.378	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7439-95-4	Magnesium	3850		mg/kg dry	6.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML



Sample Information

Client Sample ID: LB-30-COMP 2

York Sample ID: 17F0347-11

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 10:50 am	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2140		mg/kg dry	63.0	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 07:49	KML
7440-02-0	Nickel	147		mg/kg dry	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-09-7	Potassium	1050	B	mg/kg dry	6.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7782-49-2	Selenium	40.3		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-22-4	Silver	ND		mg/kg dry	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-23-5	Sodium	204		mg/kg dry	12.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-28-0	Thallium	36.3		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-62-2	Vanadium	20.1		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML
7440-66-6	Zinc	191		mg/kg dry	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:50	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.131		mg/kg dry	0.0378	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 12:31	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.3		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.882		mg/kg dry	0.630	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 10:48	06/15/2017 16:40	AD



Sample Information

Client Sample ID: LB-31-COMP 1

York Sample ID: 17F0347-12

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 11:00 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 20:41	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 20:41	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 20:41	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 20:41	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 20:41	SA
11097-69-1	Aroclor 1254	0.100		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 20:41	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 20:41	SA
1336-36-3	* Total PCBs	0.100		mg/kg dry	0.0176	1	EPA 8082A Certifications:	06/15/2017 09:04	06/15/2017 20:41	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	30.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	25.5 %	GC-Sur		30-140					

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.7		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Sample Information

Client Sample ID: LB-31-COMP 2

York Sample ID: 17F0347-13

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 11:15 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: LB-31-COMP 2

York Sample ID: 17F0347-13

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 11:15 am	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:29	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:29	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:29	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:29	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:29	SA
11097-69-1	Aroclor 1254	0.0508		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:29	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:04	06/15/2017 21:29	SA
1336-36-3	* Total PCBs	0.0508		mg/kg dry	0.0197	1	EPA 8082A Certifications:	06/15/2017 09:04	06/15/2017 21:29	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	41.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	37.0 %	30-140							

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.7		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Sample Information

Client Sample ID: LB-32-COMP 1

York Sample ID: 17F0347-14

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 1:15 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR



Sample Information

Client Sample ID: LB-32-COMP 1

York Sample ID: 17F0347-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 1:15 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR



Sample Information

Client Sample ID: LB-32-COMP 1

York Sample ID: 17F0347-14

York Project (SDG) No.

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Matrix

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15-029-1054

Soil

June 7, 2017 1:15 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
83-32-9	Acenaphthene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
98-86-2	Acetophenone	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
62-53-3	Aniline	ND		ug/kg dry	206	413	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
120-12-7	Anthracene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
1912-24-9	Atrazine	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
92-87-5	Benzidine	ND		ug/kg dry	206	413	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
65-85-0	Benzoic acid	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR



Sample Information

Client Sample ID: LB-32-COMP 1

York Sample ID: 17F0347-14

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15-029-1054

Soil

June 7, 2017 1:15 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
105-60-2	Caprolactam	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
86-74-8	Carbazole	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
218-01-9	Chrysene	67.6	J	ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
206-44-0	Fluoranthene	78.3	J	ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
86-73-7	Fluorene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
78-59-1	Isophorone	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
91-20-3	Naphthalene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR



Sample Information

Client Sample ID: LB-32-COMP 1

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Soil

June 7, 2017 1:15 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
85-01-8	Phenanthrene	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
108-95-2	Phenol	ND		ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR
129-00-0	Pyrene	63.5	J	ug/kg dry	51.7	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 16:47	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	52.3 %	20-108
4165-62-2	Surrogate: Phenol-d5	49.8 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	53.3 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	39.8 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	55.0 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	39.8 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
309-00-2	Aldrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 19:50	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA



Sample Information

Client Sample ID: LB-32-COMP 1

York Sample ID: 17F0347-14

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 1:15 pm	<u>Date Received</u> 06/09/2017
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
72-20-8	Endrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 19:50	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
8001-35-2	Toxaphene	ND		ug/kg dry	103	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:50	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	90.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	96.2 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:47	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:47	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:47	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:47	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:47	SA



Sample Information

Client Sample ID: LB-32-COMP 1

York Sample ID: 17F0347-14

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 1:15 pm	<u>Date Received</u> 06/09/2017
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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:47	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 19:47	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 19:47	SA
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	74.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	65.0 %			30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	16300		mg/kg dry	6.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-36-0	Antimony	ND		mg/kg dry	0.620	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-38-2	Arsenic	2.40		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-39-3	Barium	110		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-41-7	Beryllium	0.906		mg/kg dry	0.124	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.372	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-70-2	Calcium	2700		mg/kg dry	6.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-47-3	Chromium	20.4		mg/kg dry	0.620	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-48-4	Cobalt	14.4		mg/kg dry	0.620	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-50-8	Copper	15.2		mg/kg dry	0.620	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7439-89-6	Iron	25900		mg/kg dry	2.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7439-92-1	Lead	16.8		mg/kg dry	0.372	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7439-95-4	Magnesium	4550		mg/kg dry	6.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7439-96-5	Manganese	926		mg/kg dry	0.620	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML



Sample Information

Client Sample ID: LB-32-COMP 1

York Sample ID: 17F0347-14

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 1:15 pm	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	24.1		mg/kg dry	0.620	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-09-7	Potassium	1580	B	mg/kg dry	6.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7782-49-2	Selenium	4.74		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-22-4	Silver	ND		mg/kg dry	0.620	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-23-5	Sodium	48.0		mg/kg dry	12.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-28-0	Thallium	ND		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-62-2	Vanadium	28.5		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML
7440-66-6	Zinc	59.2		mg/kg dry	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 18:57	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0927		mg/kg dry	0.0372	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 12:40	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.6		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.620	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 10:48	06/15/2017 16:40	AD



Sample Information

Client Sample ID: LB-32-COMP 2

York Sample ID: 17F0347-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 1:30 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
121-14-2	2,4-Dinitrotoluene	1010		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
606-20-2	2,6-Dinitrotoluene	1320		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR



Sample Information

Client Sample ID: LB-32-COMP 2

York Sample ID: 17F0347-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 1:30 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
101-55-3	4-Bromophenyl phenyl ether	63.9	J	ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
100-02-7	4-Nitrophenol	110	CCV-E, J	ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
83-32-9	Acenaphthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
98-86-2	Acetophenone	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
62-53-3	Aniline	ND		ug/kg dry	195	391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
120-12-7	Anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
1912-24-9	Atrazine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
92-87-5	Benzidine	ND		ug/kg dry	195	391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
65-85-0	Benzoic acid	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
100-51-6	Benzyl alcohol	105		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR



Sample Information

Client Sample ID: LB-32-COMP 2

York Sample ID: 17F0347-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 1:30 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
105-60-2	Caprolactam	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
86-74-8	Carbazole	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
218-01-9	Chrysene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
131-11-3	Dimethyl phthalate	656		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
206-44-0	Fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
86-73-7	Fluorene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
118-74-1	Hexachlorobenzene	102		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
78-59-1	Isophorone	877		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
91-20-3	Naphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR



Sample Information

Client Sample ID: LB-32-COMP 2

York Sample ID: 17F0347-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17F0347

15-029-1054

Soil

June 7, 2017 1:30 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
621-64-7	N-nitroso-di-n-propylamine	427		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
85-01-8	Phenanthrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
108-95-2	Phenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
129-00-0	Pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:19	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	54.8 %			20-108						
4165-62-2	Surrogate: Phenol-d5	54.7 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	55.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	42.5 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	65.0 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	45.8 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
309-00-2	Aldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 20:05	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA



Sample Information

Client Sample ID: LB-32-COMP 2

York Sample ID: 17F0347-15

York Project (SDG) No.

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Matrix

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17F0347

15-029-1054

Soil

June 7, 2017 1:30 pm

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
72-20-8	Endrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 20:05	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.65	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA
8001-35-2	Toxaphene	ND		ug/kg dry	97.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:05	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	103 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	95.9 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:11	SA



Sample Information

Client Sample ID: LB-32-COMP 2

York Sample ID: 17F0347-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 1:30 pm

06/09/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:11	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:11	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 20:11	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	76.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9090		mg/kg dry	5.85	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-36-0	Antimony	ND		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-38-2	Arsenic	2.41		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-39-3	Barium	73.9		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-41-7	Beryllium	0.379		mg/kg dry	0.117	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-70-2	Calcium	61000		mg/kg dry	5.85	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-47-3	Chromium	12.9		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-48-4	Cobalt	7.20		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-50-8	Copper	14.6		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7439-89-6	Iron	16600		mg/kg dry	2.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7439-92-1	Lead	12.2		mg/kg dry	0.351	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7439-95-4	Magnesium	18800		mg/kg dry	5.85	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML



Sample Information

Client Sample ID: LB-32-COMP 2

York Sample ID: 17F0347-15

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 1:30 pm	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	419		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-02-0	Nickel	16.5		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-09-7	Potassium	1810	B	mg/kg dry	5.85	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7782-49-2	Selenium	ND		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-22-4	Silver	ND		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-23-5	Sodium	93.4		mg/kg dry	11.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-28-0	Thallium	ND		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-62-2	Vanadium	18.6		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML
7440-66-6	Zinc	48.4		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:02	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0351	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 12:49	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.5		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.585	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: LB-33-COMP 1

York Sample ID: 17F0347-16

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 1:45 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	99.4	199	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	99.4	199	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	99.4	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	99.4	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR



Sample Information

Client Sample ID: LB-33-COMP 1

York Sample ID: 17F0347-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 1:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.4	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	99.4	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.4	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	99.4	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
83-32-9	Acenaphthene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
98-86-2	Acetophenone	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
62-53-3	Aniline	ND		ug/kg dry	199	398	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
120-12-7	Anthracene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
1912-24-9	Atrazine	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
92-87-5	Benzidine	ND		ug/kg dry	199	398	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
65-85-0	Benzoic acid	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR



Sample Information

Client Sample ID: LB-33-COMP 1

York Sample ID: 17F0347-16

York Project (SDG) No.

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Matrix

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Date Received

17F0347

15-029-1054

Soil

June 7, 2017 1:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds and their detection results.



Sample Information

Client Sample ID: LB-33-COMP 1

York Sample ID: 17F0347-16

York Project (SDG) No.

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Matrix

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17F0347

15-029-1054

Soil

June 7, 2017 1:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
85-01-8	Phenanthrene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
108-95-2	Phenol	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
129-00-0	Pyrene	ND		ug/kg dry	49.8	99.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 17:50	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	52.7 %	20-108								
4165-62-2	Surrogate: Phenol-d5	52.4 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	52.8 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	39.6 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	63.9 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	46.3 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
309-00-2	Aldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 20:20	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA



Sample Information

Client Sample ID: LB-33-COMP 1

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Matrix

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15-029-1054

Soil

June 7, 2017 1:45 pm

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
72-20-8	Endrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 20:20	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA
8001-35-2	Toxaphene	ND		ug/kg dry	99.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:20	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	115 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	113 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA



Sample Information

Client Sample ID: LB-33-COMP 1

York Sample ID: 17F0347-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 1:45 pm

06/09/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 20:35	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	85.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	74.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9010		mg/kg dry	5.98	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-36-0	Antimony	1.80		mg/kg dry	0.598	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-38-2	Arsenic	4.44		mg/kg dry	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-39-3	Barium	75.0		mg/kg dry	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-41-7	Beryllium	0.407		mg/kg dry	0.120	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.359	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-70-2	Calcium	8630		mg/kg dry	5.98	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-47-3	Chromium	14.4		mg/kg dry	0.598	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-48-4	Cobalt	6.76		mg/kg dry	0.598	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-50-8	Copper	107		mg/kg dry	0.598	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7439-89-6	Iron	28600		mg/kg dry	23.9	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 08:07	KML
7439-92-1	Lead	85.8		mg/kg dry	0.359	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7439-95-4	Magnesium	2830		mg/kg dry	5.98	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML



Sample Information

Client Sample ID: LB-33-COMP 1

York Sample ID: 17F0347-16

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 1:45 pm	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	552		mg/kg dry	0.598	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-02-0	Nickel	16.0		mg/kg dry	0.598	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-09-7	Potassium	713	B	mg/kg dry	5.98	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7782-49-2	Selenium	7.66		mg/kg dry	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-22-4	Silver	ND		mg/kg dry	0.598	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-23-5	Sodium	95.8		mg/kg dry	12.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-28-0	Thallium	ND		mg/kg dry	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-62-2	Vanadium	20.6		mg/kg dry	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML
7440-66-6	Zinc	191		mg/kg dry	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:07	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0996		mg/kg dry	0.0359	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 12:58	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.6		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.598	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: LB-33-COMP 2

York Sample ID: 17F0347-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:00 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR



Sample Information

Client Sample ID: LB-33-COMP 2

York Sample ID: 17F0347-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:00 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
83-32-9	Acenaphthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
98-86-2	Acetophenone	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
62-53-3	Aniline	ND		ug/kg dry	195	390	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
120-12-7	Anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
1912-24-9	Atrazine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
92-87-5	Benzidine	ND		ug/kg dry	195	390	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
65-85-0	Benzoic acid	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR



Sample Information

Client Sample ID: LB-33-COMP 2

York Sample ID: 17F0347-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:00 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
105-60-2	Caprolactam	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
86-74-8	Carbazole	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
218-01-9	Chrysene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
206-44-0	Fluoranthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
86-73-7	Fluorene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
78-59-1	Isophorone	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
91-20-3	Naphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR



Sample Information

Client Sample ID: LB-33-COMP 2

York Sample ID: 17F0347-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:00 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
85-01-8	Phenanthrene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
108-95-2	Phenol	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR
129-00-0	Pyrene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:22	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	45.6 %	20-108
4165-62-2	Surrogate: Phenol-d5	47.5 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	45.6 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	32.7 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.4 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	43.5 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
309-00-2	Aldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 20:35	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA



Sample Information

Client Sample ID: LB-33-COMP 2

York Sample ID: 17F0347-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:00 pm

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
72-20-8	Endrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 20:35	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA
8001-35-2	Toxaphene	ND		ug/kg dry	97.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:35	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	109 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	103 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:59	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:59	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:59	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:59	SA



Sample Information

Client Sample ID: LB-33-COMP 2

York Sample ID: 17F0347-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:00 pm

06/09/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:59	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:59	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:59	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 20:59	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	81.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	74.5 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10700		mg/kg dry	5.85	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-36-0	Antimony	ND		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-38-2	Arsenic	2.62		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-39-3	Barium	86.2		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-41-7	Beryllium	0.425		mg/kg dry	0.117	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-70-2	Calcium	72900		mg/kg dry	5.85	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-47-3	Chromium	15.1		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-48-4	Cobalt	8.28		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-50-8	Copper	16.0		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7439-92-1	Lead	13.3		mg/kg dry	0.351	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7439-95-4	Magnesium	22400		mg/kg dry	5.85	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7439-96-5	Manganese	472		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML



Sample Information

Client Sample ID: LB-33-COMP 2

York Sample ID: 17F0347-17

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:00 pm	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	19.1		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-09-7	Potassium	2510	B	mg/kg dry	5.85	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7782-49-2	Selenium	1.58		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-22-4	Silver	ND		mg/kg dry	0.585	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-23-5	Sodium	147		mg/kg dry	11.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-28-0	Thallium	ND		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-62-2	Vanadium	22.2		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML
7440-66-6	Zinc	57.5		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:12	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0351	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 13:06	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.4		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.585	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: LB-34-COMP 1

York Sample ID: 17F0347-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:15 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various chemical compounds like 1,1-Biphenyl, 1,2,4,5-Tetrachlorobenzene, etc.



Sample Information

Client Sample ID: LB-34-COMP 1

York Sample ID: 17F0347-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:15 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
83-32-9	Acenaphthene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
98-86-2	Acetophenone	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
62-53-3	Aniline	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
120-12-7	Anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
1912-24-9	Atrazine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
92-87-5	Benzidine	ND		ug/kg dry	203	406	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
50-32-8	Benzo(a)pyrene	56.7	J	ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
205-99-2	Benzo(b)fluoranthene	67.2	J	ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
207-08-9	Benzo(k)fluoranthene	64.8	J	ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
65-85-0	Benzoic acid	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR



Sample Information

Client Sample ID: LB-34-COMP 1

York Sample ID: 17F0347-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:15 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
105-60-2	Caprolactam	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
86-74-8	Carbazole	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
218-01-9	Chrysene	61.5	J	ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
206-44-0	Fluoranthene	89.9	J	ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
86-73-7	Fluorene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
78-59-1	Isophorone	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR



Sample Information

Client Sample ID: LB-34-COMP 1

York Sample ID: 17F0347-18

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:15 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
85-01-8	Phenanthrene	51.0	J	ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
108-95-2	Phenol	ND		ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
129-00-0	Pyrene	88.2	J	ug/kg dry	50.8	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 18:54	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	47.3 %			20-108						
4165-62-2	Surrogate: Phenol-d5	47.8 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	49.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	38.2 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	47.7 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	41.3 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
309-00-2	Aldrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 20:49	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA



Sample Information

Client Sample ID: LB-34-COMP 1

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York Project (SDG) No.

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Soil

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06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
72-20-8	Endrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 20:49	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.99	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
8001-35-2	Toxaphene	ND		ug/kg dry	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 20:49	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	107 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	96.0 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:23	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:23	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:23	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:23	SA



Sample Information

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Soil

June 7, 2017 2:15 pm

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:23	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:23	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:23	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 21:23	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	85.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	78.5 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11200		mg/kg dry	6.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-36-0	Antimony	1.42		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-38-2	Arsenic	2.64		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-39-3	Barium	68.2		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-41-7	Beryllium	0.516		mg/kg dry	0.122	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.366	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-70-2	Calcium	7660		mg/kg dry	6.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-47-3	Chromium	14.4		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-48-4	Cobalt	8.09		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-50-8	Copper	37.5		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7439-89-6	Iron	23100		mg/kg dry	2.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7439-92-1	Lead	38.6		mg/kg dry	0.366	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7439-95-4	Magnesium	3380		mg/kg dry	6.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML



Sample Information

Client Sample ID: LB-34-COMP 1

York Sample ID: 17F0347-18

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:15 pm	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	412		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-02-0	Nickel	15.0		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-09-7	Potassium	982	B	mg/kg dry	6.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7782-49-2	Selenium	4.63		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-23-5	Sodium	19.2		mg/kg dry	12.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-28-0	Thallium	ND		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-62-2	Vanadium	20.8		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML
7440-66-6	Zinc	68.0		mg/kg dry	1.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:17	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0785		mg/kg dry	0.0366	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 13:15	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.1		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.609	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: LB-34-COMP 2

York Sample ID: 17F0347-19

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:30 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR



Sample Information

Client Sample ID: LB-34-COMP 2

York Sample ID: 17F0347-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:30 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
83-32-9	Acenaphthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
98-86-2	Acetophenone	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
62-53-3	Aniline	ND		ug/kg dry	195	391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
120-12-7	Anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
1912-24-9	Atrazine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
92-87-5	Benzidine	ND		ug/kg dry	195	391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
65-85-0	Benzoic acid	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR



Sample Information

Client Sample ID: LB-34-COMP 2

York Sample ID: 17F0347-19

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:30 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
105-60-2	Caprolactam	ND		ug/kg dry	97.6	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
86-74-8	Carbazole	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
218-01-9	Chrysene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
206-44-0	Fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
86-73-7	Fluorene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
78-59-1	Isophorone	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
91-20-3	Naphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR



Sample Information

Client Sample ID: LB-34-COMP 2

York Sample ID: 17F0347-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:30 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
85-01-8	Phenanthrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
108-95-2	Phenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
129-00-0	Pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:25	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	43.4 %	20-108								
4165-62-2	Surrogate: Phenol-d5	41.1 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	44.8 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	30.8 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	52.3 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	48.7 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
309-00-2	Aldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 21:04	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA



Sample Information

Client Sample ID: LB-34-COMP 2

York Sample ID: 17F0347-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:30 pm

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
72-20-8	Endrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/14/2017 07:46	06/14/2017 21:04	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA
8001-35-2	Toxaphene	ND		ug/kg dry	96.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:04	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	110 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	104 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:48	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:48	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:48	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:48	SA



Sample Information

Client Sample ID: LB-34-COMP 2

York Sample ID: 17F0347-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:30 pm

06/09/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:48	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:48	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/14/2017 07:46	06/14/2017 21:48	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	06/14/2017 07:46	06/14/2017 21:48	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	81.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	74.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9780		mg/kg dry	5.87	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-36-0	Antimony	ND		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-38-2	Arsenic	2.38		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-39-3	Barium	76.5		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-41-7	Beryllium	0.376		mg/kg dry	0.117	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.352	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-70-2	Calcium	53700		mg/kg dry	58.7	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 08:13	KML
7440-47-3	Chromium	13.2		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-48-4	Cobalt	7.59		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-50-8	Copper	14.3		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7439-89-6	Iron	16700		mg/kg dry	2.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7439-92-1	Lead	12.2		mg/kg dry	0.352	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7439-95-4	Magnesium	20600		mg/kg dry	5.87	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML



Sample Information

Client Sample ID: LB-34-COMP 2

York Sample ID: 17F0347-19

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:30 pm	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	436		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-02-0	Nickel	17.1		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-09-7	Potassium	2070	B	mg/kg dry	5.87	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7782-49-2	Selenium	ND		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-22-4	Silver	ND		mg/kg dry	0.587	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-23-5	Sodium	113		mg/kg dry	11.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-28-0	Thallium	ND		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-62-2	Vanadium	19.6		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML
7440-66-6	Zinc	53.0		mg/kg dry	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:22	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0352	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 13:24	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.2		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 11:17	06/13/2017 13:09	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.587	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: SFC-1-Surface

York Sample ID: 17F0347-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 3:00 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR



Sample Information

Client Sample ID: SFC-1-Surface

York Sample ID: 17F0347-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 3:00 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
83-32-9	Acenaphthene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
98-86-2	Acetophenone	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
62-53-3	Aniline	ND		ug/kg dry	214	427	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
120-12-7	Anthracene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
1912-24-9	Atrazine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
92-87-5	Benzidine	ND		ug/kg dry	214	427	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
56-55-3	Benzo(a)anthracene	189		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
50-32-8	Benzo(a)pyrene	238		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
205-99-2	Benzo(b)fluoranthene	185		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
191-24-2	Benzo(g,h,i)perylene	160		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
207-08-9	Benzo(k)fluoranthene	225		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
65-85-0	Benzoic acid	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR



Sample Information

Client Sample ID: SFC-1-Surface

York Sample ID: 17F0347-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 3:00 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
105-60-2	Caprolactam	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
86-74-8	Carbazole	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
218-01-9	Chrysene	243		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
206-44-0	Fluoranthene	364		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
86-73-7	Fluorene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
193-39-5	Indeno(1,2,3-cd)pyrene	116		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
78-59-1	Isophorone	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
91-20-3	Naphthalene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR



Sample Information

Client Sample ID: SFC-1-Surface

York Sample ID: 17F0347-20

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 3:00 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
85-01-8	Phenanthrene	255		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
108-95-2	Phenol	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
129-00-0	Pyrene	326		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 19:58	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	53.2 %	20-108								
4165-62-2	Surrogate: Phenol-d5	57.3 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	59.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	51.2 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	77.0 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	53.2 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
309-00-2	Aldrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/15/2017 09:01	06/15/2017 16:54	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
57-74-9	Chlordane, total	ND		ug/kg dry	42.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA



Sample Information

Client Sample ID: SFC-1-Surface

York Sample ID: 17F0347-20

York Project (SDG) No.

Client Project ID

Matrix

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17F0347

15-029-1054

Soil

June 7, 2017 3:00 pm

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
72-20-8	Endrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/15/2017 09:01	06/15/2017 16:54	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA
8001-35-2	Toxaphene	ND		ug/kg dry	107	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 16:54	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	31.0 %		30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	32.2 %		30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 18:17	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 18:17	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 18:17	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 18:17	SA



Sample Information

Client Sample ID: SFC-1-Surface

York Sample ID: 17F0347-20

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15-029-1054

Soil

June 7, 2017 3:00 pm

06/09/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 18:17	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 18:17	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 18:17	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications:	06/15/2017 09:01	06/15/2017 18:17	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	32.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	26.5 %	GC-Sur		30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4780		mg/kg dry	6.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-36-0	Antimony	17.4		mg/kg dry	0.640	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-38-2	Arsenic	19.5		mg/kg dry	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-39-3	Barium	73.9		mg/kg dry	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-41-7	Beryllium	0.517		mg/kg dry	0.128	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.384	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-70-2	Calcium	10100		mg/kg dry	6.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-47-3	Chromium	22.7		mg/kg dry	0.640	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-48-4	Cobalt	5.89		mg/kg dry	0.640	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-50-8	Copper	69.7		mg/kg dry	0.640	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7439-89-6	Iron	35100		mg/kg dry	25.6	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 08:18	KML
7439-92-1	Lead	357		mg/kg dry	0.384	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7439-95-4	Magnesium	2480		mg/kg dry	6.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML



Sample Information

Client Sample ID: SFC-1-Surface

York Sample ID: 17F0347-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 3:00 pm

06/09/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	343		mg/kg dry	0.640	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-02-0	Nickel	21.6		mg/kg dry	0.640	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-09-7	Potassium	474	B	mg/kg dry	6.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7782-49-2	Selenium	11.5		mg/kg dry	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-22-4	Silver	ND		mg/kg dry	0.640	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-23-5	Sodium	26.9		mg/kg dry	12.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-28-0	Thallium	ND		mg/kg dry	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-62-2	Vanadium	16.9		mg/kg dry	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML
7440-66-6	Zinc	90.2		mg/kg dry	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:27	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.305		mg/kg dry	0.0384	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 13:32	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.1		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 16:29	06/13/2017 18:20	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	3.14		mg/kg dry	0.640	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: SFC-2-Surface

York Sample ID: 17F0347-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:50 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
91-57-6	2-Methylnaphthalene	53.9	J	ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR



Sample Information

Client Sample ID: SFC-2-Surface

York Sample ID: 17F0347-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:50 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
83-32-9	Acenaphthene	171		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
98-86-2	Acetophenone	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
62-53-3	Aniline	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
120-12-7	Anthracene	291		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
1912-24-9	Atrazine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
92-87-5	Benzidine	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
56-55-3	Benzo(a)anthracene	659		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
50-32-8	Benzo(a)pyrene	732		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
205-99-2	Benzo(b)fluoranthene	635		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
191-24-2	Benzo(g,h,i)perylene	500		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
207-08-9	Benzo(k)fluoranthene	719		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
65-85-0	Benzoic acid	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR



Sample Information

Client Sample ID: SFC-2-Surface

York Sample ID: 17F0347-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:50 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
105-60-2	Caprolactam	ND		ug/kg dry	93.7	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
86-74-8	Carbazole	235		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
218-01-9	Chrysene	720		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
53-70-3	Dibenzo(a,h)anthracene	225		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
132-64-9	Dibenzofuran	78.6	J	ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
206-44-0	Fluoranthene	1630		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
86-73-7	Fluorene	154		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	443		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
91-20-3	Naphthalene	134		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR



Sample Information

Client Sample ID: SFC-2-Surface

York Sample ID: 17F0347-21

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:50 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
85-01-8	Phenanthrene	1190		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
108-95-2	Phenol	ND		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
129-00-0	Pyrene	1200		ug/kg dry	47.0	93.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 20:30	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	43.2 %	20-108								
4165-62-2	Surrogate: Phenol-d5	44.7 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	48.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	36.7 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.0 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	37.0 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
309-00-2	Aldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/16/2017 08:22	06/16/2017 16:25	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA



Sample Information

Client Sample ID: SFC-2-Surface

York Sample ID: 17F0347-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:50 pm

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/16/2017 08:22	06/16/2017 16:25	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.33	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 16:25	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	31.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.6 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:24	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:24	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:24	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:24	SA



Sample Information

Client Sample ID: SFC-2-Surface

York Sample ID: 17F0347-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:50 pm

06/09/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:24	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:24	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:24	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	06/16/2017 08:22	06/16/2017 17:24	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	30.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4350		mg/kg dry	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-36-0	Antimony	2.07		mg/kg dry	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-38-2	Arsenic	24.4		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-39-3	Barium	51.0		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-41-7	Beryllium	0.299		mg/kg dry	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.339	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-70-2	Calcium	24900		mg/kg dry	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-47-3	Chromium	12.7		mg/kg dry	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-48-4	Cobalt	3.83		mg/kg dry	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-50-8	Copper	31.9		mg/kg dry	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7439-89-6	Iron	18200		mg/kg dry	2.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7439-92-1	Lead	82.7		mg/kg dry	0.339	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7439-95-4	Magnesium	6680		mg/kg dry	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML



Sample Information

Client Sample ID: SFC-2-Surface

York Sample ID: 17F0347-21

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:50 pm	<u>Date Received</u> 06/09/2017
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	240		mg/kg dry	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-02-0	Nickel	12.1		mg/kg dry	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-09-7	Potassium	479	B	mg/kg dry	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7782-49-2	Selenium	3.26		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-22-4	Silver	ND		mg/kg dry	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-23-5	Sodium	19.2		mg/kg dry	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-28-0	Thallium	ND		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-62-2	Vanadium	13.5		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML
7440-66-6	Zinc	69.7		mg/kg dry	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:32	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0922		mg/kg dry	0.0339	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 13:41	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.4		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 16:29	06/13/2017 18:20	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.565	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: SFC-2-2-12

York Sample ID: 17F0347-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:55 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR



Sample Information

Client Sample ID: SFC-2-2-12

York Sample ID: 17F0347-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:55 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
83-32-9	Acenaphthene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
98-86-2	Acetophenone	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
62-53-3	Aniline	ND		ug/kg dry	205	411	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
120-12-7	Anthracene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
1912-24-9	Atrazine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
92-87-5	Benzidine	ND		ug/kg dry	205	411	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
65-85-0	Benzoic acid	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR



Sample Information

Client Sample ID: SFC-2-2-12

York Sample ID: 17F0347-22

York Project (SDG) No.

Client Project ID

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15-029-1054

Soil

June 7, 2017 2:55 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
105-60-2	Caprolactam	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
86-74-8	Carbazole	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
218-01-9	Chrysene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
206-44-0	Fluoranthene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
86-73-7	Fluorene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
78-59-1	Isophorone	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
91-20-3	Naphthalene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
85-01-8	Phenanthrene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
108-95-2	Phenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
129-00-0	Pyrene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:02	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	44.4 %	20-108								
4165-62-2	Surrogate: Phenol-d5	41.2 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	45.7 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	31.5 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	50.8 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	39.1 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
309-00-2	Aldrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/16/2017 08:22	06/16/2017 17:55	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
72-20-8	Endrin	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/16/2017 08:22	06/16/2017 17:55	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
8001-35-2	Toxaphene	ND		ug/kg dry	103	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:55	SA
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	33.1 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	36.3 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:48	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:48	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:48	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:48	SA



Sample Information

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:48	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:48	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 17:48	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	06/16/2017 08:22	06/16/2017 17:48	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	32.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	30.0 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	18000		mg/kg dry	6.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-36-0	Antimony	ND		mg/kg dry	0.615	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-38-2	Arsenic	3.80		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-39-3	Barium	122		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-41-7	Beryllium	0.797		mg/kg dry	0.123	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.369	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-70-2	Calcium	2920		mg/kg dry	6.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-47-3	Chromium	22.7		mg/kg dry	0.615	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-48-4	Cobalt	14.8		mg/kg dry	0.615	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-50-8	Copper	23.0		mg/kg dry	0.615	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7439-89-6	Iron	29600		mg/kg dry	2.46	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7439-92-1	Lead	16.6		mg/kg dry	0.369	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7439-95-4	Magnesium	5630		mg/kg dry	6.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML



Sample Information

Client Sample ID: SFC-2-2-12

York Sample ID: 17F0347-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:55 pm

06/09/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	648		mg/kg dry	0.615	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-02-0	Nickel	30.1		mg/kg dry	0.615	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-09-7	Potassium	2130	B	mg/kg dry	6.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7782-49-2	Selenium	4.94		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-22-4	Silver	ND		mg/kg dry	0.615	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-23-5	Sodium	28.2		mg/kg dry	12.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-28-0	Thallium	ND		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-62-2	Vanadium	30.2		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML
7440-66-6	Zinc	71.1		mg/kg dry	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:37	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0418		mg/kg dry	0.0369	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 13:50	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.3		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 16:29	06/13/2017 18:20	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.615	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: SFC-3-Surface

York Sample ID: 17F0347-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	58.3	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
91-57-6	2-Methylnaphthalene	271		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR



Sample Information

Client Sample ID: SFC-3-Surface

York Sample ID: 17F0347-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
83-32-9	Acenaphthene	1580		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
208-96-8	Acenaphthylene	57.6	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
98-86-2	Acetophenone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
62-53-3	Aniline	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
120-12-7	Anthracene	4720		ug/kg dry	457	912	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR
1912-24-9	Atrazine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
92-87-5	Benzidine	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
56-55-3	Benzo(a)anthracene	10700		ug/kg dry	457	912	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR
50-32-8	Benzo(a)pyrene	9550		ug/kg dry	457	912	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR
205-99-2	Benzo(b)fluoranthene	7410		ug/kg dry	457	912	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR
191-24-2	Benzo(g,h,i)perylene	2760		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
207-08-9	Benzo(k)fluoranthene	8320		ug/kg dry	457	912	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR
65-85-0	Benzoic acid	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR



Sample Information

Client Sample ID: SFC-3-Surface

York Sample ID: 17F0347-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
105-60-2	Caprolactam	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
86-74-8	Carbazole	1480		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
218-01-9	Chrysene	11400		ug/kg dry	45.7	91.2	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR
53-70-3	Dibenzo(a,h)anthracene	1890		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
132-64-9	Dibenzofuran	438		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
206-44-0	Fluoranthene	20500		ug/kg dry	45.7	91.2	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR
86-73-7	Fluorene	1460		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	2870		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
78-59-1	Isophorone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
91-20-3	Naphthalene	125		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR



Sample Information

Client Sample ID: SFC-3-Surface

York Sample ID: 17F0347-23

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:45 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
85-01-8	Phenanthrene	17600		ug/kg dry	457	912	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR
108-95-2	Phenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 21:34	SR
129-00-0	Pyrene	20100		ug/kg dry	457	912	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:19	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	60.7 %	20-108
4165-62-2	Surrogate: Phenol-d5	59.9 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	61.2 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	54.0 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	51.3 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	36.7 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
309-00-2	Aldrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/16/2017 08:22	06/16/2017 18:10	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA



Sample Information

Client Sample ID: SFC-3-Surface

York Sample ID: 17F0347-23

York Project (SDG) No.

Client Project ID

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17F0347

15-029-1054

Soil

June 7, 2017 2:45 pm

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
72-20-8	Endrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/16/2017 08:22	06/16/2017 18:10	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:10	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	68.3 %		30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	37.1 %		30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:12	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:12	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:12	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:12	SA



Sample Information

Client Sample ID: SFC-3-Surface

York Sample ID: 17F0347-23

York Project (SDG) No.

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17F0347

15-029-1054

Soil

June 7, 2017 2:45 pm

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:12	SA
11097-69-1	Aroclor 1254	0.0465		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:12	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:22	06/16/2017 18:12	SA
1336-36-3	* Total PCBs	0.0465		mg/kg dry	0.0183	1	EPA 8082A Certifications:	06/16/2017 08:22	06/16/2017 18:12	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	30.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	32.5 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10000		mg/kg dry	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-36-0	Antimony	1.54		mg/kg dry	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-38-2	Arsenic	4.16		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-39-3	Barium	121		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-41-7	Beryllium	0.978		mg/kg dry	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-43-9	Cadmium	0.343		mg/kg dry	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-70-2	Calcium	76200		mg/kg dry	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-47-3	Chromium	24.7		mg/kg dry	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-48-4	Cobalt	4.36		mg/kg dry	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-50-8	Copper	48.7		mg/kg dry	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7439-89-6	Iron	20300		mg/kg dry	2.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7439-92-1	Lead	87.3		mg/kg dry	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7439-95-4	Magnesium	6250		mg/kg dry	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML



Sample Information

Client Sample ID: SFC-3-Surface

York Sample ID: 17F0347-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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17F0347

15-029-1054

Soil

June 7, 2017 2:45 pm

06/09/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	784		mg/kg dry	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-02-0	Nickel	16.1		mg/kg dry	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-09-7	Potassium	1010	B	mg/kg dry	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7782-49-2	Selenium	4.66		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-22-4	Silver	ND		mg/kg dry	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-23-5	Sodium	191		mg/kg dry	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-62-2	Vanadium	12.8		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML
7440-66-6	Zinc	82.9		mg/kg dry	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 19:56	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0730		mg/kg dry	0.0329	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 13:58	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.1		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 16:29	06/13/2017 18:20	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	1.59		mg/kg dry	0.549	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: SFC-4-Surface

York Sample ID: 17F0347-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:35 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
91-57-6	2-Methylnaphthalene	182		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR



Sample Information

Client Sample ID: SFC-4-Surface

York Sample ID: 17F0347-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:35 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
83-32-9	Acenaphthene	520		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
208-96-8	Acenaphthylene	63.7	J	ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
98-86-2	Acetophenone	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
62-53-3	Aniline	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
120-12-7	Anthracene	1110		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
1912-24-9	Atrazine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
92-87-5	Benzidine	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
56-55-3	Benzo(a)anthracene	4090		ug/kg dry	230	458	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:51	SR
50-32-8	Benzo(a)pyrene	5010		ug/kg dry	230	458	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:51	SR
205-99-2	Benzo(b)fluoranthene	3770		ug/kg dry	230	458	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:51	SR
191-24-2	Benzo(g,h,i)perylene	2190		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
207-08-9	Benzo(k)fluoranthene	2700		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
65-85-0	Benzoic acid	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR



Sample Information

Client Sample ID: SFC-4-Surface

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Soil

June 7, 2017 2:35 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
105-60-2	Caprolactam	ND		ug/kg dry	91.6	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
86-74-8	Carbazole	1140		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
218-01-9	Chrysene	4640		ug/kg dry	230	458	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:51	SR
53-70-3	Dibenzo(a,h)anthracene	1070		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
132-64-9	Dibenzofuran	210		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
206-44-0	Fluoranthene	10300		ug/kg dry	230	458	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:51	SR
86-73-7	Fluorene	431		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
193-39-5	Indeno(1,2,3-cd)pyrene	2160		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
91-20-3	Naphthalene	171		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
85-01-8	Phenanthrene	5940		ug/kg dry	230	458	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:51	SR
108-95-2	Phenol	ND		ug/kg dry	45.9	91.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:07	SR
129-00-0	Pyrene	7980		ug/kg dry	230	458	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/22/2017 11:51	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	50.7 %	20-108								
4165-62-2	Surrogate: Phenol-d5	50.0 %	23-114								
4165-60-0	Surrogate: Nitrobenzene-d5	54.5 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	43.2 %	21-113								
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.5 %	19-110								
1718-51-0	Surrogate: Terphenyl-d14	35.1 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
309-00-2	Aldrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/16/2017 08:23	06/16/2017 18:25	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA



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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
72-20-8	Endrin	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/16/2017 08:23	06/16/2017 18:25	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.13	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:25	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	36.1 %		30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	35.1 %		30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:36	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:36	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:36	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:36	SA



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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:36	SA
11097-69-1	Aroclor 1254	0.0702		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:36	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:23	06/16/2017 18:36	SA
1336-36-3	* Total PCBs	0.0702		mg/kg dry	0.0184	1	EPA 8082A Certifications:	06/16/2017 08:23	06/16/2017 18:36	SA
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	26.5 %	S-DUP		30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	25.0 %	S-DUP		30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3430		mg/kg dry	5.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-36-0	Antimony	3.45		mg/kg dry	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-38-2	Arsenic	7.19		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-39-3	Barium	111		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-41-7	Beryllium	0.229		mg/kg dry	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-43-9	Cadmium	0.596		mg/kg dry	0.332	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-70-2	Calcium	30000		mg/kg dry	5.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-47-3	Chromium	94.7		mg/kg dry	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-48-4	Cobalt	6.16		mg/kg dry	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-50-8	Copper	153		mg/kg dry	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7439-89-6	Iron	23300		mg/kg dry	22.1	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/23/2017 08:23	KML
7439-92-1	Lead	133		mg/kg dry	0.332	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7439-95-4	Magnesium	9670		mg/kg dry	5.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML



Sample Information

Client Sample ID: SFC-4-Surface

York Sample ID: 17F0347-24

York Project (SDG) No.

17F0347

Client Project ID

15-029-1054

Matrix

Soil

Collection Date/Time

June 7, 2017 2:35 pm

Date Received

06/09/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	504		mg/kg dry	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-02-0	Nickel	54.7		mg/kg dry	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-09-7	Potassium	618	B	mg/kg dry	5.53	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7782-49-2	Selenium	8.37		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-22-4	Silver	0.791		mg/kg dry	0.553	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-23-5	Sodium	49.8		mg/kg dry	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-28-0	Thallium	1.35		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-62-2	Vanadium	13.3		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML
7440-66-6	Zinc	224		mg/kg dry	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:00	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.264		mg/kg dry	0.0332	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 14:07	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.4		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 16:29	06/13/2017 18:20	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.774		mg/kg dry	0.553	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: SFC-4-2-12

York Sample ID: 17F0347-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:40 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR



Sample Information

Client Sample ID: SFC-4-2-12

York Sample ID: 17F0347-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:40 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
83-32-9	Acenaphthene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
98-86-2	Acetophenone	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
62-53-3	Aniline	ND		ug/kg dry	197	394	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
120-12-7	Anthracene	59.8	J	ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
1912-24-9	Atrazine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
92-87-5	Benzidine	ND		ug/kg dry	197	394	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
56-55-3	Benzo(a)anthracene	266		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
50-32-8	Benzo(a)pyrene	419		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
205-99-2	Benzo(b)fluoranthene	362		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
191-24-2	Benzo(g,h,i)perylene	260		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
207-08-9	Benzo(k)fluoranthene	341		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
65-85-0	Benzoic acid	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR



Sample Information

Client Sample ID: SFC-4-2-12

York Sample ID: 17F0347-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Soil

June 7, 2017 2:40 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
105-60-2	Caprolactam	ND		ug/kg dry	98.4	197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
86-74-8	Carbazole	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
218-01-9	Chrysene	324		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
53-70-3	Dibenzo(a,h)anthracene	120		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
206-44-0	Fluoranthene	495		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
86-73-7	Fluorene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
193-39-5	Indeno(1,2,3-cd)pyrene	237		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
78-59-1	Isophorone	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR



Sample Information

Client Sample ID: SFC-4-2-12

York Sample ID: 17F0347-25

<u>York Project (SDG) No.</u> 17F0347	<u>Client Project ID</u> 15-029-1054	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 7, 2017 2:40 pm	<u>Date Received</u> 06/09/2017
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
85-01-8	Phenanthrene	292		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
108-95-2	Phenol	ND		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR
129-00-0	Pyrene	477		ug/kg dry	49.3	98.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 08:05	06/21/2017 22:40	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	46.2 %	20-108
4165-62-2	Surrogate: Phenol-d5	42.7 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	47.2 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	44.0 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	47.5 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	35.9 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
309-00-2	Aldrin	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/15/2017 09:01	06/15/2017 17:39	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA



Sample Information

Client Sample ID: SFC-4-2-12

York Sample ID: 17F0347-25

York Project (SDG) No.

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15-029-1054

Soil

June 7, 2017 2:40 pm

06/09/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
72-20-8	Endrin	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/15/2017 09:01	06/15/2017 17:39	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA
8001-35-2	Toxaphene	ND		ug/kg dry	98.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 17:39	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	31.0 %		30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	31.2 %		30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 20:17	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 20:17	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 20:17	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 20:17	SA



Sample Information

Client Sample ID: SFC-4-2-12

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 20:17	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 20:17	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2017 09:01	06/15/2017 20:17	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications:	06/15/2017 09:01	06/15/2017 20:17	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	30.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	23.5 %	GC-Sur		30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11500		mg/kg dry	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-36-0	Antimony	ND		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-38-2	Arsenic	3.57		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-39-3	Barium	96.7		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-41-7	Beryllium	0.470		mg/kg dry	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.354	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-70-2	Calcium	62900		mg/kg dry	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-47-3	Chromium	17.0		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-48-4	Cobalt	7.87		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-50-8	Copper	20.8		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7439-89-6	Iron	22100		mg/kg dry	2.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7439-92-1	Lead	29.0		mg/kg dry	0.354	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7439-95-4	Magnesium	19500		mg/kg dry	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML



Sample Information

Client Sample ID: SFC-4-2-12

York Sample ID: 17F0347-25

York Project (SDG) No.

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15-029-1054

Soil

June 7, 2017 2:40 pm

06/09/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	472		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-02-0	Nickel	20.6		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-09-7	Potassium	2460	B	mg/kg dry	5.90	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7782-49-2	Selenium	2.56		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-23-5	Sodium	101		mg/kg dry	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-62-2	Vanadium	23.3		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML
7440-66-6	Zinc	69.9		mg/kg dry	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2017 13:20	06/21/2017 20:05	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0354	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	06/15/2017 09:59	06/15/2017 14:16	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.8		%	0.100	1	SM 2540G Certifications: CTDOH	06/13/2017 16:29	06/13/2017 18:20	TAJ

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.590	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:37	06/16/2017 14:14	AD



Sample Information

Client Sample ID: 060717-RB-01

York Sample ID: 17F0347-26

York Project (SDG) No.

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17F0347

15-029-1054

Water

June 7, 2017 3:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH



Sample Information

Client Sample ID: 060717-RB-01

York Sample ID: 17F0347-26

York Project (SDG) No.

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Collection Date/Time

Date Received

17F0347

15-029-1054

Water

June 7, 2017 3:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH



Sample Information

Client Sample ID: 060717-RB-01

York Sample ID: 17F0347-26

York Project (SDG) No.

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15-029-1054

Water

June 7, 2017 3:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH



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15-029-1054

Water

June 7, 2017 3:45 pm

06/09/2017

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 16:02	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 07:34	06/13/2017 00:10	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	34.1 %			12-64						
4165-62-2	Surrogate: Phenol-d5	17.9 %			10-82						
4165-60-0	Surrogate: Nitrobenzene-d5	46.4 %			12-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	55.8 %			16-84						
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.7 %			15-104						
1718-51-0	Surrogate: Terphenyl-d14	60.4 %			15-106						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 04:06	SA

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	70.9 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	59.9 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 16:35	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 16:35	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 16:35	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 16:35	SA



Sample Information

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Water

June 7, 2017 3:45 pm

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 16:35	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 16:35	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2017 10:51	06/13/2017 16:35	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	06/12/2017 10:51	06/13/2017 16:35	SA
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	67.0 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	79.0 %	30-120							

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-39-3	Barium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-70-2	Calcium	0.153		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-50-8	Copper	ND		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7439-89-6	Iron	0.0362	B	mg/L	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7439-92-1	Lead	ND		mg/L	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-02-0	Nickel	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-09-7	Potassium	0.127	B	mg/L	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-23-5	Sodium	0.595	B	mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML



Sample Information

Client Sample ID: 060717-RB-01

York Sample ID: 17F0347-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17F0347

15-029-1054

Water

June 7, 2017 3:45 pm

06/09/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 08:50	06/17/2017 18:00	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 12:40	06/20/2017 20:27	KML
7440-38-2	Arsenic	1.42		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 12:40	06/20/2017 20:27	KML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 12:40	06/20/2017 20:27	KML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 12:40	06/20/2017 20:27	KML
7439-98-7	Molybdenum	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 12:40	06/20/2017 20:27	KML
7782-49-2	Selenium	5.19		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 12:40	06/20/2017 20:27	KML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2017 12:40	06/20/2017 20:27	KML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2017 15:02	06/16/2017 15:02	AA

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/16/2017 08:42	06/16/2017 16:52	AD



Analytical Batch Summary

Batch ID: BF70529 **Preparation Method:** EPA 3510C **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-26	060717-RB-01	06/12/17
BF70529-BLK1	Blank	06/12/17
BF70529-BLK2	Blank	06/12/17
BF70529-BS1	LCS	06/12/17
BF70529-BS2	LCS	06/12/17
BF70529-BSD1	LCS Dup	06/12/17

Batch ID: BF70557 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-26	060717-RB-01	06/12/17
17F0347-26	060717-RB-01	06/12/17
BF70557-BLK1	Blank	06/12/17
BF70557-BLK2	Blank	06/12/17
BF70557-BS1	LCS	06/12/17
BF70557-BS2	LCS	06/12/17
BF70557-BSD1	LCS Dup	06/12/17
BF70557-BSD2	LCS Dup	06/12/17

Batch ID: BF70632 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-01	LB-35-COMP 1	06/13/17
17F0347-02	LB-35-COMP 2	06/13/17
17F0347-03	LB-35-COMP 3	06/13/17
17F0347-04	LB-36-COMP 1	06/13/17
17F0347-05	LB-36-COMP 2	06/13/17
17F0347-06	LB-37-COMP 1	06/13/17
17F0347-07	LB-37-COMP 2	06/13/17
17F0347-08	LB-29-COMP 1	06/13/17
17F0347-09	LB-29-COMP 2	06/13/17
17F0347-10	LB-30-COMP 1	06/13/17
17F0347-11	LB-30-COMP 2	06/13/17
17F0347-12	LB-31-COMP 1	06/13/17
17F0347-13	LB-31-COMP 2	06/13/17
17F0347-14	LB-32-COMP 1	06/13/17
17F0347-15	LB-32-COMP 2	06/13/17
17F0347-16	LB-33-COMP 1	06/13/17
17F0347-17	LB-33-COMP 2	06/13/17
17F0347-18	LB-34-COMP 1	06/13/17
17F0347-19	LB-34-COMP 2	06/13/17
BF70632-DUP1	Duplicate	06/13/17



Batch ID: BF70663

Preparation Method: % Solids Prep

Prepared By: TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-20	SFC-1-Surface	06/13/17
17F0347-21	SFC-2-Surface	06/13/17
17F0347-22	SFC-2-2-12	06/13/17
17F0347-23	SFC-3-Surface	06/13/17
17F0347-24	SFC-4-Surface	06/13/17
17F0347-25	SFC-4-2-12	06/13/17
BF70663-DUP1	Duplicate	06/13/17

Batch ID: BF70681

Preparation Method: EPA 3550C

Prepared By: TAB

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-08	LB-29-COMP 1	06/14/17
17F0347-08	LB-29-COMP 1	06/14/17
17F0347-09	LB-29-COMP 2	06/14/17
17F0347-09	LB-29-COMP 2	06/14/17
17F0347-10	LB-30-COMP 1	06/14/17
17F0347-10	LB-30-COMP 1	06/14/17
17F0347-11	LB-30-COMP 2	06/14/17
17F0347-11	LB-30-COMP 2	06/14/17
17F0347-14	LB-32-COMP 1	06/14/17
17F0347-14	LB-32-COMP 1	06/14/17
17F0347-15	LB-32-COMP 2	06/14/17
17F0347-15	LB-32-COMP 2	06/14/17
17F0347-16	LB-33-COMP 1	06/14/17
17F0347-16	LB-33-COMP 1	06/14/17
17F0347-17	LB-33-COMP 2	06/14/17
17F0347-17	LB-33-COMP 2	06/14/17
17F0347-18	LB-34-COMP 1	06/14/17
17F0347-18	LB-34-COMP 1	06/14/17
17F0347-19	LB-34-COMP 2	06/14/17
17F0347-19	LB-34-COMP 2	06/14/17
BF70681-BLK1	Blank	06/14/17
BF70681-BLK2	Blank	06/14/17
BF70681-BS1	LCS	06/14/17
BF70681-BS2	LCS	06/14/17

Batch ID: BF70726

Preparation Method: EPA 3015A

Prepared By: SY

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-26	060717-RB-01	06/14/17
BF70726-BLK1	Blank	06/14/17
BF70726-SRM1	Reference	06/14/17

Batch ID: BF70778

Preparation Method: EPA 3550C

Prepared By: SGM

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-08	LB-29-COMP 1	06/15/17



17F0347-09	LB-29-COMP 2	06/15/17
17F0347-10	LB-30-COMP 1	06/15/17
17F0347-11	LB-30-COMP 2	06/15/17
17F0347-14	LB-32-COMP 1	06/15/17
17F0347-15	LB-32-COMP 2	06/15/17
17F0347-16	LB-33-COMP 1	06/15/17
17F0347-17	LB-33-COMP 2	06/15/17
17F0347-18	LB-34-COMP 1	06/15/17
17F0347-19	LB-34-COMP 2	06/15/17
17F0347-20	SFC-1-Surface	06/15/17
17F0347-21	SFC-2-Surface	06/15/17
17F0347-22	SFC-2-2-12	06/15/17
17F0347-23	SFC-3-Surface	06/15/17
17F0347-24	SFC-4-Surface	06/15/17
17F0347-25	SFC-4-2-12	06/15/17
BF70778-BLK1	Blank	06/15/17
BF70778-BS1	LCS	06/15/17

Batch ID: BF70781 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-20	SFC-1-Surface	06/15/17
17F0347-20	SFC-1-Surface	06/15/17
17F0347-25	SFC-4-2-12	06/15/17
17F0347-25	SFC-4-2-12	06/15/17
BF70781-BLK1	Blank	06/15/17
BF70781-BLK2	Blank	06/15/17
BF70781-BS1	LCS	06/15/17
BF70781-BS2	LCS	06/15/17

Batch ID: BF70782 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-03	LB-35-COMP 3	06/15/17
17F0347-06	LB-37-COMP 1	06/15/17
17F0347-07	LB-37-COMP 2	06/15/17
17F0347-12	LB-31-COMP 1	06/15/17
17F0347-13	LB-31-COMP 2	06/15/17
BF70782-BLK2	Blank	06/15/17
BF70782-BS2	LCS	06/15/17

Batch ID: BF70790 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-08	LB-29-COMP 1	06/15/17
17F0347-09	LB-29-COMP 2	06/15/17
17F0347-10	LB-30-COMP 1	06/15/17
17F0347-11	LB-30-COMP 2	06/15/17
17F0347-14	LB-32-COMP 1	06/15/17
17F0347-15	LB-32-COMP 2	06/15/17



17F0347-16	LB-33-COMP 1	06/15/17
17F0347-17	LB-33-COMP 2	06/15/17
17F0347-18	LB-34-COMP 1	06/15/17
17F0347-19	LB-34-COMP 2	06/15/17
17F0347-20	SFC-1-Surface	06/15/17
17F0347-21	SFC-2-Surface	06/15/17
17F0347-22	SFC-2-2-12	06/15/17
17F0347-23	SFC-3-Surface	06/15/17
17F0347-24	SFC-4-Surface	06/15/17
17F0347-25	SFC-4-2-12	06/15/17
BF70790-BLK1	Blank	06/15/17
BF70790-DUP1	Duplicate	06/15/17
BF70790-MS1	Matrix Spike	06/15/17
BF70790-SRM1	Reference	06/15/17

Batch ID: BF70802 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-09	LB-29-COMP 2	06/15/17
17F0347-10	LB-30-COMP 1	06/15/17
17F0347-11	LB-30-COMP 2	06/15/17
17F0347-14	LB-32-COMP 1	06/15/17
BF70802-BLK1	Blank	06/15/17
BF70802-SRM1	Reference	06/15/17

Batch ID: BF70861 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-01	LB-35-COMP 1	06/16/17
17F0347-02	LB-35-COMP 2	06/16/17
17F0347-04	LB-36-COMP 1	06/16/17
17F0347-05	LB-36-COMP 2	06/16/17
17F0347-21	SFC-2-Surface	06/16/17
17F0347-21	SFC-2-Surface	06/16/17
17F0347-22	SFC-2-2-12	06/16/17
17F0347-22	SFC-2-2-12	06/16/17
17F0347-23	SFC-3-Surface	06/16/17
17F0347-23	SFC-3-Surface	06/16/17
17F0347-24	SFC-4-Surface	06/16/17
17F0347-24	SFC-4-Surface	06/16/17
BF70861-BLK1	Blank	06/16/17
BF70861-BLK2	Blank	06/16/17
BF70861-BS1	LCS	06/16/17
BF70861-BS2	LCS	06/16/17
BF70861-MS1	Matrix Spike	06/16/17
BF70861-MSD1	Matrix Spike Dup	06/16/17

Batch ID: BF70863 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
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17F0347-08	LB-29-COMP 1	06/16/17
17F0347-15	LB-32-COMP 2	06/16/17
17F0347-16	LB-33-COMP 1	06/16/17
17F0347-17	LB-33-COMP 2	06/16/17
17F0347-18	LB-34-COMP 1	06/16/17
17F0347-19	LB-34-COMP 2	06/16/17
17F0347-20	SFC-1-Surface	06/16/17
17F0347-21	SFC-2-Surface	06/16/17
17F0347-22	SFC-2-2-12	06/16/17
17F0347-23	SFC-3-Surface	06/16/17
17F0347-24	SFC-4-Surface	06/16/17
17F0347-25	SFC-4-2-12	06/16/17
BF70863-BLK1	Blank	06/16/17
BF70863-DUP1	Duplicate	06/16/17
BF70863-MS1	Matrix Spike	06/16/17
BF70863-SRM1	Reference	06/16/17

Batch ID: BF70865 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-26	060717-RB-01	06/16/17
BF70865-BLK1	Blank	06/16/17
BF70865-BS1	LCS	06/16/17

Batch ID: BF70868 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-26	060717-RB-01	06/16/17
BF70868-BLK1	Blank	06/16/17
BF70868-SRM1	Reference	06/16/17

Batch ID: BF70909 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-26	060717-RB-01	06/16/17
BF70909-BLK1	Blank	06/16/17
BF70909-BS1	LCS	06/16/17

Batch ID: BF70967 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17F0347-08	LB-29-COMP 1	06/19/17
17F0347-08RE1	LB-29-COMP 1	06/19/17
17F0347-09	LB-29-COMP 2	06/19/17
17F0347-09RE1	LB-29-COMP 2	06/19/17
17F0347-10	LB-30-COMP 1	06/19/17
17F0347-10RE1	LB-30-COMP 1	06/19/17
17F0347-11	LB-30-COMP 2	06/19/17
17F0347-11RE1	LB-30-COMP 2	06/19/17



17F0347-14	LB-32-COMP 1	06/19/17
17F0347-15	LB-32-COMP 2	06/19/17
17F0347-16	LB-33-COMP 1	06/19/17
17F0347-16RE1	LB-33-COMP 1	06/19/17
17F0347-17	LB-33-COMP 2	06/19/17
17F0347-18	LB-34-COMP 1	06/19/17
17F0347-19	LB-34-COMP 2	06/19/17
17F0347-19RE1	LB-34-COMP 2	06/19/17
17F0347-20	SFC-1-Surface	06/19/17
17F0347-20RE1	SFC-1-Surface	06/19/17
17F0347-21	SFC-2-Surface	06/19/17
17F0347-22	SFC-2-2-12	06/19/17
17F0347-23	SFC-3-Surface	06/19/17
17F0347-24	SFC-4-Surface	06/19/17
17F0347-24RE1	SFC-4-Surface	06/19/17
17F0347-25	SFC-4-2-12	06/19/17
BF70967-BLK1	Blank	06/19/17
BF70967-DUP1	Duplicate	06/19/17
BF70967-MS1	Matrix Spike	06/19/17
BF70967-SRM1	Reference	06/19/17



Semivolatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70529 - EPA 3510C

Blank (BF70529-BLK1)

Prepared: 06/12/2017 Analyzed: 06/13/2017

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70529 - EPA 3510C

Blank (BF70529-BLK1)

Prepared: 06/12/2017 Analyzed: 06/13/2017

Bis(2-ethylhexyl)phthalate	ND	0.500	ug/L								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Hexachlorobutadiene	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								

Surrogate: 2-Fluorophenol	26.2		"	78.0		33.6	12-64				
Surrogate: Phenol-d5	13.7		"	76.8		17.8	10-82				
Surrogate: Nitrobenzene-d5	27.2		"	57.4		47.4	12-96				
Surrogate: 2-Fluorobiphenyl	27.1		"	51.2		52.9	16-84				
Surrogate: 2,4,6-Tribromophenol	50.3		"	78.2		64.3	15-104				
Surrogate: Terphenyl-d14	26.4		"	50.2		52.6	15-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70529 - EPA 3510C

Blank (BF70529-BLK2)

Prepared & Analyzed: 06/12/2017

Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

LCS (BF70529-BS1)

Prepared: 06/12/2017 Analyzed: 06/13/2017

1,1-Biphenyl	16.7	5.00	ug/L	25.0		66.6	21-102				
1,2,4,5-Tetrachlorobenzene	16.0	5.00	"	25.0		64.0	28-105				
1,2-Diphenylhydrazine (as Azobenzene)	20.2	5.00	"	25.0		80.8	16-137				
2,3,4,6-Tetrachlorophenol	40.5	5.00	"	25.0		162	30-130	High Bias			
2,4,5-Trichlorophenol	20.1	5.00	"	25.0		80.5	36-112				
2,4,6-Trichlorophenol	18.3	5.00	"	25.0		73.4	41-107				
1,2,4-Trichlorobenzene	14.5	5.00	"	25.0		58.2	35-91				
2,4-Dichlorophenol	16.6	5.00	"	25.0		66.4	43-92				
2,4-Dimethylphenol	15.6	5.00	"	25.0		62.4	25-92				
2,4-Dinitrophenol	22.0	5.00	"	25.0		87.9	10-149				
2,4-Dinitrotoluene	18.0	5.00	"	25.0		71.8	41-114				
1,2-Dichlorobenzene	15.1	5.00	"	25.0		60.4	42-85				
2,6-Dinitrotoluene	18.6	5.00	"	25.0		74.3	49-106				
2-Chloronaphthalene	15.4	5.00	"	25.0		61.4	40-96				
2-Chlorophenol	14.5	5.00	"	25.0		57.8	35-84				
2-Methylnaphthalene	17.8	5.00	"	25.0		71.1	33-101				
1,3-Dichlorobenzene	13.8	5.00	"	25.0		55.2	45-80				
2-Methylphenol	12.6	5.00	"	25.0		50.2	10-90				
2-Nitroaniline	16.7	5.00	"	25.0		67.0	31-122				
1,4-Dichlorobenzene	15.7	5.00	"	25.0		62.8	42-82				
2-Nitrophenol	15.4	5.00	"	25.0		61.6	37-97				
3- & 4-Methylphenols	12.6	5.00	"	25.0		50.4	10-101				
3,3-Dichlorobenzidine	11.0	5.00	"	25.0		43.9	25-155				
3-Nitroaniline	14.7	5.00	"	25.0		58.8	29-128				
4,6-Dinitro-2-methylphenol	23.6	5.00	"	25.0		94.6	10-135				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF70529 - EPA 3510C											
LCS (BF70529-BS1)											
Prepared: 06/12/2017 Analyzed: 06/13/2017											
4-Bromophenyl phenyl ether	19.4	5.00	ug/L	25.0		77.6	38-116				
4-Chloro-3-methylphenol	16.6	5.00	"	25.0		66.3	28-101				
4-Chloroaniline	9.23	5.00	"	25.0		36.9	10-154				
4-Chlorophenyl phenyl ether	16.9	5.00	"	25.0		67.8	34-112				
4-Nitroaniline	12.8	5.00	"	25.0		51.0	15-143				
4-Nitrophenol	8.76	5.00	"	25.0		35.0	10-112				
Acenaphthene	18.1	0.0500	"	25.0		72.3	24-114				
Acenaphthylene	15.8	0.0500	"	25.0		63.2	26-112				
Acetophenone	17.2	5.00	"	25.0		69.0	47-92				
Aniline	7.00	5.00	"	25.0		28.0	10-107				
Anthracene	19.8	0.0500	"	25.0		79.4	35-114				
Atrazine	16.4	0.500	"	25.0		65.5	43-101				
Benzaldehyde	17.2	5.00	"	25.0		68.7	17-117				
Benzo(a)anthracene	21.4	0.0500	"	25.0		85.8	38-127				
Benzo(a)pyrene	21.9	0.0500	"	25.0		87.7	30-146				
Benzo(b)fluoranthene	23.1	0.0500	"	25.0		92.2	36-145				
Benzo(g,h,i)perylene	21.2	0.0500	"	25.0		84.8	10-163				
Benzo(k)fluoranthene	22.9	0.0500	"	25.0		91.8	16-149				
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias			
Benzyl alcohol	10.5	5.00	"	25.0		42.0	18-75				
Benzyl butyl phthalate	18.2	5.00	"	25.0		72.6	28-129				
Bis(2-chloroethoxy)methane	17.4	5.00	"	25.0		69.8	27-112				
Bis(2-chloroethyl)ether	16.8	5.00	"	25.0		67.0	24-114				
Bis(2-chloroisopropyl)ether	19.0	5.00	"	25.0		76.0	21-124				
Bis(2-ethylhexyl)phthalate	19.7	0.500	"	25.0		78.8	10-171				
Caprolactam	3.17	5.00	"	25.0		12.7	10-29				
Carbazole	19.6	5.00	"	25.0		78.6	49-116				
Hexachlorobutadiene	15.1	0.500	"	25.0		60.4	25-106				
Chrysene	19.6	0.0500	"	25.0		78.3	33-120				
Dibenzo(a,h)anthracene	22.2	0.0500	"	25.0		88.7	10-149				
Dibenzofuran	16.6	5.00	"	25.0		66.5	42-105				
Diethyl phthalate	16.8	5.00	"	25.0		67.2	38-112				
Dimethyl phthalate	17.0	5.00	"	25.0		68.0	49-106				
Di-n-butyl phthalate	19.2	5.00	"	25.0		76.7	36-110				
Di-n-octyl phthalate	20.3	5.00	"	25.0		81.4	12-149				
Naphthalene	16.0	0.0500	"	25.0		63.8	30-99				
Fluoranthene	21.6	0.0500	"	25.0		86.3	33-126				
Fluorene	17.8	0.0500	"	25.0		71.0	28-117				
Hexachlorobenzene	16.8	0.0200	"	25.0		67.2	27-120				
Hexachlorocyclopentadiene	10.1	5.00	"	25.0		40.4	10-99				
Hexachloroethane	15.0	0.500	"	25.0		60.0	33-84				
Indeno(1,2,3-cd)pyrene	22.7	0.0500	"	25.0		90.8	10-150				
Isophorone	16.0	5.00	"	25.0		64.0	29-115				
Nitrobenzene	15.2	0.250	"	25.0		60.7	32-113				
N-Nitrosodimethylamine	2.92	0.500	"	25.0		11.7	10-63				
N-nitroso-di-n-propylamine	16.9	5.00	"	25.0		67.5	36-118				
N-Nitrosodiphenylamine	22.8	5.00	"	25.0		91.2	27-145				
Pentachlorophenol	23.4	0.250	"	25.0		93.8	19-127				
Phenanthrene	20.3	0.0500	"	25.0		81.4	31-112				
Phenol	6.52	5.00	"	25.0		26.1	10-37				
Pyrene	21.4	0.0500	"	25.0		85.4	42-125				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70529 - EPA 3510C

LCS (BF70529-BS1)

Prepared: 06/12/2017 Analyzed: 06/13/2017

Surrogate: 2-Fluorophenol	26.7		ug/L	78.0		34.3	12-64				
Surrogate: Phenol-d5	14.9		"	76.8		19.4	10-82				
Surrogate: Nitrobenzene-d5	29.3		"	57.4		51.1	12-96				
Surrogate: 2-Fluorobiphenyl	31.6		"	51.2		61.7	16-84				
Surrogate: 2,4,6-Tribromophenol	71.1		"	78.2		91.0	15-104				
Surrogate: Terphenyl-d14	31.4		"	50.2		62.6	15-106				

LCS (BF70529-BS2)

Prepared & Analyzed: 06/12/2017

Acenaphthene	0.710	0.0500	ug/L	1.00		71.0	24-114				
Acenaphthylene	0.650	0.0500	"	1.00		65.0	26-112				
Anthracene	0.690	0.0500	"	1.00		69.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzo(a)anthracene	0.800	0.0500	"	1.00		80.0	38-127				
Benzo(a)pyrene	0.910	0.0500	"	1.00		91.0	30-146				
Benzo(b)fluoranthene	0.820	0.0500	"	1.00		82.0	36-145				
Benzo(g,h,i)perylene	0.680	0.0500	"	1.00		68.0	10-163				
Benzo(k)fluoranthene	0.990	0.0500	"	1.00		99.0	16-149				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Hexachlorobutadiene	ND	0.500	"				25-106				
Chrysene	0.930	0.0500	"	1.00		93.0	33-120				
Dibenzo(a,h)anthracene	0.750	0.0500	"	1.00		75.0	10-149				
Naphthalene	0.620	0.0500	"	1.00		62.0	30-99				
Fluoranthene	0.830	0.0500	"	1.00		83.0	33-126				
Fluorene	0.740	0.0500	"	1.00		74.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.720	0.0500	"	1.00		72.0	10-150				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.600	0.0500	"	1.00		60.0	31-112				
Pyrene	0.990	0.0500	"	1.00		99.0	42-125				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF70529 - EPA 3510C											
LCS Dup (BF70529-BSD1)											
Prepared: 06/12/2017 Analyzed: 06/13/2017											
1,1-Biphenyl	17.4	5.00	ug/L	25.0		69.6	21-102		4.35	20	
1,2,4,5-Tetrachlorobenzene	15.5	5.00	"	25.0		61.9	28-105		3.30	20	
1,2-Diphenylhydrazine (as Azobenzene)	16.9	5.00	"	25.0		67.6	16-137		17.8	20	
2,3,4,6-Tetrachlorophenol	18.4	5.00	"	25.0		73.7	30-130		74.9	20	Non-dir.
2,4,5-Trichlorophenol	19.8	5.00	"	25.0		79.1	36-112		1.75	20	
2,4,6-Trichlorophenol	19.4	5.00	"	25.0		77.8	41-107		5.87	20	
1,2,4-Trichlorobenzene	14.6	5.00	"	25.0		58.6	35-91		0.754	20	
2,4-Dichlorophenol	17.3	5.00	"	25.0		69.3	43-92		4.36	20	
2,4-Dimethylphenol	18.8	5.00	"	25.0		75.1	25-92		18.4	20	
2,4-Dinitrophenol	21.7	5.00	"	25.0		86.8	10-149		1.24	20	
2,4-Dinitrotoluene	17.4	5.00	"	25.0		69.4	41-114		3.40	20	
1,2-Dichlorobenzene	15.3	5.00	"	25.0		61.3	42-85		1.45	20	
2,6-Dinitrotoluene	16.8	5.00	"	25.0		67.1	49-106		10.2	20	
2-Chloronaphthalene	15.8	5.00	"	25.0		63.2	40-96		2.76	20	
2-Chlorophenol	16.7	5.00	"	25.0		66.9	35-84		14.6	20	
2-Methylnaphthalene	18.2	5.00	"	25.0		73.0	33-101		2.61	20	
1,3-Dichlorobenzene	14.0	5.00	"	25.0		56.1	45-80		1.65	20	
2-Methylphenol	14.5	5.00	"	25.0		57.9	10-90		14.3	20	
2-Nitroaniline	19.4	5.00	"	25.0		77.7	31-122		14.9	20	
1,4-Dichlorobenzene	14.3	5.00	"	25.0		57.2	42-82		9.34	20	
2-Nitrophenol	19.0	5.00	"	25.0		75.8	37-97		20.8	20	Non-dir.
3- & 4-Methylphenols	12.5	5.00	"	25.0		50.0	10-101		0.797	20	
3,3-Dichlorobenzidine	8.87	5.00	"	25.0		35.5	25-155		21.2	20	Non-dir.
3-Nitroaniline	13.3	5.00	"	25.0		53.1	29-128		10.2	20	
4,6-Dinitro-2-methylphenol	20.2	5.00	"	25.0		80.6	10-135		15.9	20	
4-Bromophenyl phenyl ether	15.7	5.00	"	25.0		62.8	38-116		21.0	20	Non-dir.
4-Chloro-3-methylphenol	18.5	5.00	"	25.0		73.9	28-101		10.9	20	
4-Chloroaniline	11.3	5.00	"	25.0		45.1	10-154		20.0	20	
4-Chlorophenyl phenyl ether	16.8	5.00	"	25.0		67.1	34-112		0.949	20	
4-Nitroaniline	11.6	5.00	"	25.0		46.5	15-143		9.35	20	
4-Nitrophenol	13.4	5.00	"	25.0		53.6	10-112		41.9	20	Non-dir.
Acenaphthene	17.0	0.0500	"	25.0		68.2	24-114		5.92	20	
Acenaphthylene	15.1	0.0500	"	25.0		60.3	26-112		4.60	20	
Acetophenone	19.0	5.00	"	25.0		75.9	47-92		9.61	20	
Aniline	6.96	5.00	"	25.0		27.8	10-107		0.573	20	
Anthracene	16.7	0.0500	"	25.0		66.7	35-114		17.3	20	
Atrazine	17.0	0.500	"	25.0		68.1	43-101		3.83	20	
Benzaldehyde	20.9	5.00	"	25.0		83.5	17-117		19.4	20	
Benzo(a)anthracene	17.2	0.0500	"	25.0		68.8	38-127		22.0	20	Non-dir.
Benzo(a)pyrene	9.04	0.0500	"	25.0		36.2	30-146		83.2	20	Non-dir.
Benzo(b)fluoranthene	11.7	0.0500	"	25.0		46.7	36-145		65.6	20	Non-dir.
Benzo(g,h,i)perylene	8.19	0.0500	"	25.0		32.8	10-163		88.5	20	Non-dir.
Benzo(k)fluoranthene	11.2	0.0500	"	25.0		44.7	16-149		69.0	20	Non-dir.
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	12.6	5.00	"	25.0		50.6	18-75		18.4	20	
Benzyl butyl phthalate	18.1	5.00	"	25.0		72.2	28-129		0.497	20	
Bis(2-chloroethoxy)methane	19.5	5.00	"	25.0		77.9	27-112		11.0	20	
Bis(2-chloroethyl)ether	19.2	5.00	"	25.0		76.6	24-114		13.3	20	
Bis(2-chloroisopropyl)ether	21.5	5.00	"	25.0		86.1	21-124		12.4	20	
Bis(2-ethylhexyl)phthalate	17.9	0.500	"	25.0		71.4	10-171		9.75	20	
Caprolactam	2.90	5.00	"	25.0		11.6	10-29		8.90	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70529 - EPA 3510C

LCS Dup (BF70529-BSD1)

Prepared: 06/12/2017 Analyzed: 06/13/2017

Carbazole	16.7	5.00	ug/L	25.0		66.7	49-116		16.4	20	
Hexachlorobutadiene	14.9	0.500	"	25.0		59.4	25-106		1.54	20	
Chrysene	16.6	0.0500	"	25.0		66.4	33-120		16.4	20	
Dibenzo(a,h)anthracene	8.04	0.0500	"	25.0		32.2	10-149		93.5	20	Non-dir.
Dibenzofuran	16.4	5.00	"	25.0		65.8	42-105		1.09	20	
Diethyl phthalate	16.8	5.00	"	25.0		67.2	38-112		0.00	20	
Dimethyl phthalate	16.7	5.00	"	25.0		66.9	49-106		1.66	20	
Di-n-butyl phthalate	16.5	5.00	"	25.0		65.9	36-110		15.2	20	
Di-n-octyl phthalate	17.6	5.00	"	25.0		70.4	12-149		14.4	20	
Naphthalene	16.6	0.0500	"	25.0		66.2	30-99		3.63	20	
Fluoranthene	17.5	0.0500	"	25.0		70.0	33-126		20.9	20	Non-dir.
Fluorene	17.3	0.0500	"	25.0		69.1	28-117		2.80	20	
Hexachlorobenzene	16.4	0.0200	"	25.0		65.6	27-120		2.35	20	
Hexachlorocyclopentadiene	11.4	5.00	"	25.0		45.6	10-99		12.1	20	
Hexachloroethane	16.1	0.500	"	25.0		64.3	33-84		6.89	20	
Indeno(1,2,3-cd)pyrene	8.44	0.0500	"	25.0		33.8	10-150		91.6	20	Non-dir.
Isophorone	18.6	5.00	"	25.0		74.4	29-115		15.0	20	
Nitrobenzene	16.6	0.250	"	25.0		66.4	32-113		8.88	20	
N-Nitrosodimethylamine	6.97	0.500	"	25.0		27.9	10-63		81.9	20	Non-dir.
N-nitroso-di-n-propylamine	18.3	5.00	"	25.0		73.1	36-118		7.97	20	
N-Nitrosodiphenylamine	19.4	5.00	"	25.0		77.7	27-145		15.9	20	
Pentachlorophenol	22.3	0.250	"	25.0		89.2	19-127		5.03	20	
Phenanthrene	17.8	0.0500	"	25.0		71.0	31-112		13.5	20	
Phenol	7.13	5.00	"	25.0		28.5	10-37		8.94	20	
Pyrene	19.3	0.0500	"	25.0		77.4	42-125		9.93	20	
<i>Surrogate: 2-Fluorophenol</i>	28.5		"	78.0		36.5	12-64				
<i>Surrogate: Phenol-d5</i>	20.0		"	76.8		26.0	10-82				
<i>Surrogate: Nitrobenzene-d5</i>	35.7		"	57.4		62.2	12-96				
<i>Surrogate: 2-Fluorobiphenyl</i>	31.7		"	51.2		61.9	16-84				
<i>Surrogate: 2,4,6-Tribromophenol</i>	51.2		"	78.2		65.4	15-104				
<i>Surrogate: Terphenyl-d14</i>	26.2		"	50.2		52.3	15-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70778 - EPA 3550C

Blank (BF70778-BLK1)

Prepared: 06/15/2017 Analyzed: 06/16/2017

1,1-Biphenyl	ND	41.7	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.3	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
1,2-Dichlorobenzene	ND	41.7	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,3,4,6-Tetrachlorophenol	ND	83.3	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
4-Nitrophenol	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Acetophenone	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Atrazine	ND	41.7	"								
Benzaldehyde	ND	41.7	"								
Benzidine	ND	167	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzoic acid	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70778 - EPA 3550C

Blank (BF70778-BLK1)

Prepared: 06/15/2017 Analyzed: 06/16/2017

Caprolactam	ND	83.3	ug/kg wet								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
<i>Surrogate: 2-Fluorophenol</i>	1630		"	2600		62.6	20-108				
<i>Surrogate: Phenol-d5</i>	1780		"	2560		69.5	23-114				
<i>Surrogate: Nitrobenzene-d5</i>	1480		"	1910		77.4	22-108				
<i>Surrogate: 2-Fluorobiphenyl</i>	1120		"	1710		65.6	21-113				
<i>Surrogate: 2,4,6-Tribromophenol</i>	2580		"	2610		98.8	19-110				
<i>Surrogate: Terphenyl-d14</i>	874		"	1670		52.2	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit
Batch BF70778 - EPA 3550C											
LCS (BF70778-BS1)											
Prepared: 06/15/2017 Analyzed: 06/16/2017											
1,1-Biphenyl	605	41.7	ug/kg wet	833		72.6		22-103			
1,2,4,5-Tetrachlorobenzene	643	83.3	"	833		77.2		10-144			
1,2,4-Trichlorobenzene	505	41.7	"	833		60.6		23-130			
1,2-Dichlorobenzene	501	41.7	"	833		60.1		26-113			
1,2-Diphenylhydrazine (as Azobenzene)	652	41.7	"	833		78.3		10-140			
1,3-Dichlorobenzene	521	41.7	"	833		62.6		32-113			
1,4-Dichlorobenzene	458	41.7	"	833		55.0		28-111			
2,3,4,6-Tetrachlorophenol	805	83.3	"	833		96.6		30-130			
2,4,5-Trichlorophenol	612	41.7	"	833		73.4		14-138			
2,4,6-Trichlorophenol	720	41.7	"	833		86.4		27-122			
2,4-Dichlorophenol	558	41.7	"	833		66.9		23-133			
2,4-Dimethylphenol	546	41.7	"	833		65.6		15-131			
2,4-Dinitrophenol	735	83.3	"	833		88.2		10-149			
2,4-Dinitrotoluene	846	41.7	"	833		101		30-123			
2,6-Dinitrotoluene	681	41.7	"	833		81.8		30-125			
2-Chloronaphthalene	622	41.7	"	833		74.6		22-115			
2-Chlorophenol	555	41.7	"	833		66.6		25-121			
2-Methylnaphthalene	567	41.7	"	833		68.1		16-127			
2-Methylphenol	559	41.7	"	833		67.1		10-146			
2-Nitroaniline	644	83.3	"	833		77.3		24-126			
2-Nitrophenol	545	41.7	"	833		65.4		17-129			
3- & 4-Methylphenols	550	41.7	"	833		66.0		20-109			
3,3-Dichlorobenzidine	526	41.7	"	833		63.1		10-147			
3-Nitroaniline	544	83.3	"	833		65.3		23-123			
4,6-Dinitro-2-methylphenol	693	83.3	"	833		83.2		10-149			
4-Bromophenyl phenyl ether	692	41.7	"	833		83.0		30-138			
4-Chloro-3-methylphenol	754	41.7	"	833		90.5		16-138			
4-Chloroaniline	414	41.7	"	833		49.7		10-117			
4-Chlorophenyl phenyl ether	709	41.7	"	833		85.1		18-132			
4-Nitroaniline	615	83.3	"	833		73.8		14-125			
4-Nitrophenol	1010	83.3	"	833		122		10-136			
Acenaphthene	689	41.7	"	833		82.7		17-124			
Acenaphthylene	626	41.7	"	833		75.1		16-124			
Acetophenone	636	41.7	"	833		76.3		28-105			
Aniline	454	167	"	833		54.5		10-111			
Anthracene	621	41.7	"	833		74.6		24-124			
Atrazine	550	41.7	"	833		66.0		22-120			
Benzaldehyde	379	41.7	"	833		45.5		21-100			
Benzo(a)anthracene	586	41.7	"	833		70.3		25-134			
Benzo(a)pyrene	1140	41.7	"	833		136		29-144			
Benzo(b)fluoranthene	572	41.7	"	833		68.6		20-151			
Benzo(g,h,i)perylene	590	41.7	"	833		70.8		10-153			
Benzo(k)fluoranthene	579	41.7	"	833		69.5		10-148			
Benzoic acid	192	41.7	"	833		23.1		10-116			
Benzyl alcohol	541	41.7	"	833		64.9		17-128			
Benzyl butyl phthalate	201	41.7	"	833		24.1		10-132			
Bis(2-chloroethoxy)methane	624	41.7	"	833		74.9		10-129			
Bis(2-chloroethyl)ether	511	41.7	"	833		61.3		14-125			
Bis(2-chloroisopropyl)ether	1140	41.7	"	833		137		14-122	High Bias		
Bis(2-ethylhexyl)phthalate	446	41.7	"	833		53.6		10-141			
Caprolactam	554	83.3	"	833		66.5		10-123			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag

Batch BF70778 - EPA 3550C

LCS (BF70778-BS1)

Prepared: 06/15/2017 Analyzed: 06/16/2017

Carbazole	639	41.7	ug/kg wet	833		76.7	31-120				
Chrysene	570	41.7	"	833		68.4	24-116				
Dibenzo(a,h)anthracene	562	41.7	"	833		67.5	17-147				
Dibenzofuran	673	41.7	"	833		80.7	23-123				
Diethyl phthalate	793	41.7	"	833		95.1	23-122				
Dimethyl phthalate	742	41.7	"	833		89.0	28-127				
Di-n-butyl phthalate	603	41.7	"	833		72.4	19-123				
Di-n-octyl phthalate	433	41.7	"	833		52.0	10-132				
Fluoranthene	644	41.7	"	833		77.3	36-125				
Fluorene	680	41.7	"	833		81.6	16-130				
Hexachlorobenzene	567	41.7	"	833		68.1	10-129				
Hexachlorobutadiene	594	41.7	"	833		71.2	22-153				
Hexachlorocyclopentadiene	763	41.7	"	833		91.5	10-134				
Hexachloroethane	566	41.7	"	833		67.9	20-112				
Indeno(1,2,3-cd)pyrene	450	41.7	"	833		54.0	10-155				
Isophorone	657	41.7	"	833		78.8	14-131				
Naphthalene	609	41.7	"	833		73.1	20-121				
Nitrobenzene	660	41.7	"	833		79.2	20-121				
N-Nitrosodimethylamine	494	41.7	"	833		59.3	10-124				
N-nitroso-di-n-propylamine	838	41.7	"	833		101	21-119				
N-Nitrosodiphenylamine	588	41.7	"	833		70.6	10-163				
Pentachlorophenol	720	41.7	"	833		86.4	10-143				
Phenanthrene	652	41.7	"	833		78.2	24-123				
Phenol	544	41.7	"	833		65.2	15-123				
Pyrene	546	41.7	"	833		65.6	24-132				
<i>Surrogate: 2-Fluorophenol</i>	<i>1480</i>		<i>"</i>	<i>2600</i>		<i>56.9</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>1600</i>		<i>"</i>	<i>2560</i>		<i>62.4</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1330</i>		<i>"</i>	<i>1910</i>		<i>69.5</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>993</i>		<i>"</i>	<i>1710</i>		<i>58.2</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2350</i>		<i>"</i>	<i>2610</i>		<i>90.3</i>	<i>19-110</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>795</i>		<i>"</i>	<i>1670</i>		<i>47.5</i>	<i>24-116</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

Batch BF70557 - EPA SW846-3510C Low Level

Blank (BF70557-BLK1)

Prepared: 06/12/2017 Analyzed: 06/13/2017

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

Surrogate: Decachlorobiphenyl

0.0904

"

0.200

45.2

30-150

Surrogate: Tetrachloro-m-xylene

0.105

"

0.200

52.7

30-150

LCS (BF70557-BS1)

Prepared: 06/12/2017 Analyzed: 06/13/2017

4,4'-DDD	0.115	0.00400	ug/L	0.100	115	40-140
4,4'-DDE	0.107	0.00400	"	0.100	107	40-140
4,4'-DDT	0.101	0.00400	"	0.100	101	40-140
Aldrin	0.0680	0.00400	"	0.100	68.0	40-140
alpha-BHC	0.0867	0.00400	"	0.100	86.7	40-140
alpha-Chlordane	0.0744	0.00400	"	0.100	74.4	40-140
beta-BHC	0.0851	0.00400	"	0.100	85.1	40-140
delta-BHC	0.0974	0.00400	"	0.100	97.4	40-140
Dieldrin	0.0809	0.00200	"	0.100	80.9	40-140
Endosulfan I	0.0787	0.00400	"	0.100	78.7	40-140
Endosulfan II	0.0877	0.00400	"	0.100	87.7	40-140
Endosulfan sulfate	0.0948	0.00400	"	0.100	94.8	40-140
Endrin	0.0891	0.00400	"	0.100	89.1	40-140
Endrin aldehyde	0.0987	0.0100	"	0.100	98.7	40-140
Endrin ketone	0.104	0.0100	"	0.100	104	40-140
gamma-BHC (Lindane)	0.0835	0.00400	"	0.100	83.5	40-140
gamma-Chlordane	0.0734	0.0100	"	0.100	73.4	40-140
Heptachlor	0.0689	0.00400	"	0.100	68.9	40-140
Heptachlor epoxide	0.0774	0.00400	"	0.100	77.4	40-140
Methoxychlor	0.106	0.00400	"	0.100	106	40-140

Surrogate: Decachlorobiphenyl

0.0935

"

0.200

46.7

30-150

Surrogate: Tetrachloro-m-xylene

0.115

"

0.200

57.3

30-150



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70557 - EPA SW846-3510C Low Level

LCS Dup (BF70557-BSD1)

Prepared: 06/12/2017 Analyzed: 06/13/2017

4,4'-DDD	0.115	0.00400	ug/L	0.100		115	40-140		0.376	20	
4,4'-DDE	0.117	0.00400	"	0.100		117	40-140		9.19	20	
4,4'-DDT	0.115	0.00400	"	0.100		115	40-140		12.8	20	
Aldrin	0.0754	0.00400	"	0.100		75.4	40-140		10.4	20	
alpha-BHC	0.0931	0.00400	"	0.100		93.1	40-140		7.04	20	
alpha-Chlordane	0.0825	0.00400	"	0.100		82.5	40-140		10.4	20	
beta-BHC	0.0927	0.00400	"	0.100		92.7	40-140		8.64	20	
delta-BHC	0.106	0.00400	"	0.100		106	40-140		8.11	20	
Dieldrin	0.0931	0.00200	"	0.100		93.1	40-140		14.1	20	
Endosulfan I	0.0887	0.00400	"	0.100		88.7	40-140		12.0	20	
Endosulfan II	0.102	0.00400	"	0.100		102	40-140		15.2	20	
Endosulfan sulfate	0.114	0.00400	"	0.100		114	40-140		18.5	20	
Endrin	0.102	0.00400	"	0.100		102	40-140		13.0	20	
Endrin aldehyde	0.112	0.0100	"	0.100		112	40-140		12.3	20	
Endrin ketone	0.118	0.0100	"	0.100		118	40-140		12.6	20	
gamma-BHC (Lindane)	0.0892	0.00400	"	0.100		89.2	40-140		6.62	20	
gamma-Chlordane	0.0816	0.0100	"	0.100		81.6	40-140		10.6	20	
Heptachlor	0.0740	0.00400	"	0.100		74.0	40-140		7.18	20	
Heptachlor epoxide	0.0855	0.00400	"	0.100		85.5	40-140		9.89	20	
Methoxychlor	0.113	0.00400	"	0.100		113	40-140		6.77	20	
Surrogate: Decachlorobiphenyl	0.116		"	0.200		58.2	30-150				
Surrogate: Tetrachloro-m-xylene	0.122		"	0.200		61.2	30-150				

Batch BF70681 - EPA 3550C

Blank (BF70681-BLK1)

Prepared & Analyzed: 06/14/2017

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	6.60	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	40.0		"	66.7		60.0	30-150				
Surrogate: Tetrachloro-m-xylene	50.0		"	66.7		75.0	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit

Batch BF70681 - EPA 3550C

LCS (BF70681-BS1)

Prepared & Analyzed: 06/14/2017

4,4'-DDD	24.8	0.330	ug/kg wet	33.3		74.3	40-140				
4,4'-DDE	22.4	0.330	"	33.3		67.1	40-140				
4,4'-DDT	21.6	0.330	"	33.3		64.8	40-140				
Aldrin	24.8	0.330	"	33.3		74.5	40-140				
alpha-BHC	28.1	0.330	"	33.3		84.2	40-140				
alpha-Chlordane	23.1	0.330	"	33.3		69.4	40-140				
beta-BHC	24.5	0.330	"	33.3		73.5	40-140				
delta-BHC	26.1	0.330	"	33.3		78.2	40-140				
Dieldrin	24.1	0.330	"	33.3		72.3	40-140				
Endosulfan I	25.5	0.330	"	33.3		76.4	40-140				
Endosulfan II	24.5	0.330	"	33.3		73.6	40-140				
Endosulfan sulfate	25.4	0.330	"	33.3		76.2	40-140				
Endrin	22.6	0.330	"	33.3		67.9	40-140				
Endrin aldehyde	23.4	0.330	"	33.3		70.2	40-140				
Endrin ketone	25.5	0.330	"	33.3		76.4	40-140				
gamma-BHC (Lindane)	25.5	0.330	"	33.3		76.6	40-140				
gamma-Chlordane	23.1	0.330	"	33.3		69.2	40-140				
Heptachlor	21.7	0.330	"	33.3		65.0	40-140				
Heptachlor epoxide	22.8	0.330	"	33.3		68.5	40-140				
Methoxychlor	20.8	1.65	"	33.3		62.5	40-140				
<i>Surrogate: Decachlorobiphenyl</i>	<i>39.4</i>		<i>"</i>	<i>66.7</i>		<i>59.1</i>	<i>30-150</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>49.8</i>		<i>"</i>	<i>66.7</i>		<i>74.8</i>	<i>30-150</i>				

Batch BF70781 - EPA 3550C

Blank (BF70781-BLK1)

Prepared & Analyzed: 06/15/2017

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	6.60	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
<i>Surrogate: Decachlorobiphenyl</i>	<i>41.3</i>		<i>"</i>	<i>66.7</i>		<i>62.0</i>	<i>30-150</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>50.8</i>		<i>"</i>	<i>66.7</i>		<i>76.2</i>	<i>30-150</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BF70781 - EPA 3550C

LCS (BF70781-BS1)

Prepared & Analyzed: 06/15/2017

4,4'-DDD	40.3	0.330	ug/kg wet	33.3		121	40-140		
4,4'-DDE	38.2	0.330	"	33.3		115	40-140		
4,4'-DDT	30.5	0.330	"	33.3		91.5	40-140		
Aldrin	33.6	0.330	"	33.3		101	40-140		
alpha-BHC	37.1	0.330	"	33.3		111	40-140		
alpha-Chlordane	32.0	0.330	"	33.3		95.9	40-140		
beta-BHC	33.5	0.330	"	33.3		100	40-140		
delta-BHC	36.7	0.330	"	33.3		110	40-140		
Dieldrin	33.7	0.330	"	33.3		101	40-140		
Endosulfan I	35.2	0.330	"	33.3		106	40-140		
Endosulfan II	34.0	0.330	"	33.3		102	40-140		
Endosulfan sulfate	34.2	0.330	"	33.3		103	40-140		
Endrin	31.4	0.330	"	33.3		94.2	40-140		
Endrin aldehyde	33.1	0.330	"	33.3		99.3	40-140		
Endrin ketone	35.2	0.330	"	33.3		105	40-140		
gamma-BHC (Lindane)	33.8	0.330	"	33.3		101	40-140		
gamma-Chlordane	31.9	0.330	"	33.3		95.6	40-140		
Heptachlor	24.4	0.330	"	33.3		73.3	40-140		
Heptachlor epoxide	30.6	0.330	"	33.3		91.7	40-140		
Methoxychlor	28.5	1.65	"	33.3		85.6	40-140		
<i>Surrogate: Decachlorobiphenyl</i>	<i>37.6</i>		<i>"</i>	<i>66.7</i>		<i>56.4</i>	<i>30-150</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>46.1</i>		<i>"</i>	<i>66.7</i>		<i>69.2</i>	<i>30-150</i>		

Batch BF70861 - EPA 3550C

Blank (BF70861-BLK1)

Prepared & Analyzed: 06/16/2017

4,4'-DDD	ND	0.330	ug/kg wet						
4,4'-DDE	ND	0.330	"						
4,4'-DDT	ND	0.330	"						
Aldrin	ND	0.330	"						
alpha-BHC	ND	0.330	"						
alpha-Chlordane	ND	0.330	"						
beta-BHC	ND	0.330	"						
Chlordane, total	ND	6.60	"						
delta-BHC	ND	0.330	"						
Dieldrin	ND	0.330	"						
Endosulfan I	ND	0.330	"						
Endosulfan II	ND	0.330	"						
Endosulfan sulfate	ND	0.330	"						
Endrin	ND	0.330	"						
Endrin aldehyde	ND	0.330	"						
Endrin ketone	ND	0.330	"						
gamma-BHC (Lindane)	ND	0.330	"						
gamma-Chlordane	ND	0.330	"						
Heptachlor	ND	0.330	"						
Heptachlor epoxide	ND	0.330	"						
Methoxychlor	ND	1.65	"						
Toxaphene	ND	16.7	"						
<i>Surrogate: Decachlorobiphenyl</i>	<i>38.3</i>		<i>"</i>	<i>66.7</i>		<i>57.4</i>	<i>30-150</i>		
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>50.2</i>		<i>"</i>	<i>66.7</i>		<i>75.3</i>	<i>30-150</i>		



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BF70861 - EPA 3550C

LCS (BF70861-BS1)

Prepared & Analyzed: 06/16/2017

4,4'-DDD	35.3	0.330	ug/kg wet	33.3		106	40-140						
4,4'-DDE	32.4	0.330	"	33.3		97.2	40-140						
4,4'-DDT	26.8	0.330	"	33.3		80.3	40-140						
Aldrin	30.6	0.330	"	33.3		91.7	40-140						
alpha-BHC	33.8	0.330	"	33.3		101	40-140						
alpha-Chlordane	28.2	0.330	"	33.3		84.7	40-140						
beta-BHC	30.3	0.330	"	33.3		90.8	40-140						
delta-BHC	33.1	0.330	"	33.3		99.4	40-140						
Dieldrin	29.6	0.330	"	33.3		88.8	40-140						
Endosulfan I	31.2	0.330	"	33.3		93.7	40-140						
Endosulfan II	29.6	0.330	"	33.3		88.7	40-140						
Endosulfan sulfate	29.9	0.330	"	33.3		89.7	40-140						
Endrin	29.4	0.330	"	33.3		88.3	40-140						
Endrin aldehyde	28.0	0.330	"	33.3		84.1	40-140						
Endrin ketone	30.0	0.330	"	33.3		90.1	40-140						
gamma-BHC (Lindane)	30.9	0.330	"	33.3		92.7	40-140						
gamma-Chlordane	28.5	0.330	"	33.3		85.4	40-140						
Heptachlor	24.9	0.330	"	33.3		74.8	40-140						
Heptachlor epoxide	27.9	0.330	"	33.3		83.6	40-140						
Methoxychlor	26.0	1.65	"	33.3		78.1	40-140						
<i>Surrogate: Decachlorobiphenyl</i>	<i>31.7</i>		<i>"</i>	<i>66.7</i>		<i>47.5</i>	<i>30-150</i>						
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>42.3</i>		<i>"</i>	<i>66.7</i>		<i>63.4</i>	<i>30-150</i>						

Matrix Spike (BF70861-MS1)

*Source sample: 17F0347-21 (SFC-2-Surface)

Prepared & Analyzed: 06/16/2017

4,4'-DDD	12.9	1.87	ug/kg dry	37.7	ND	34.1	30-150						
4,4'-DDE	10.6	1.87	"	37.7	ND	28.0	30-150					Low Bias	
4,4'-DDT	10.7	1.87	"	37.7	ND	28.5	30-150					Low Bias	
Aldrin	12.9	1.87	"	37.7	ND	34.2	30-150						
alpha-BHC	13.0	1.87	"	37.7	ND	34.4	30-150						
alpha-Chlordane	14.4	1.87	"	37.7	ND	38.2	30-150						
beta-BHC	13.9	1.87	"	37.7	ND	36.8	30-150						
delta-BHC	11.2	1.87	"	37.7	ND	29.7	30-150					Low Bias	
Dieldrin	14.2	1.87	"	37.7	ND	37.7	30-150						
Endosulfan I	14.9	1.87	"	37.7	ND	39.4	30-150						
Endosulfan II	14.6	1.87	"	37.7	ND	38.8	30-150						
Endosulfan sulfate	13.9	1.87	"	37.7	ND	36.8	30-150						
Endrin	13.3	1.87	"	37.7	ND	35.4	30-150						
Endrin aldehyde	14.2	1.87	"	37.7	ND	37.6	30-150						
Endrin ketone	14.3	1.87	"	37.7	ND	37.8	30-150						
gamma-BHC (Lindane)	13.2	1.87	"	37.7	ND	35.1	30-150						
gamma-Chlordane	13.6	1.87	"	37.7	ND	36.2	30-150						
Heptachlor	12.6	1.87	"	37.7	ND	33.4	30-150						
Heptachlor epoxide	15.3	1.87	"	37.7	ND	40.7	30-150						
Methoxychlor	12.5	9.33	"	37.7	ND	33.0	30-150						
<i>Surrogate: Decachlorobiphenyl</i>	<i>21.0</i>		<i>"</i>	<i>75.4</i>		<i>27.9</i>	<i>30-150</i>						
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>24.7</i>		<i>"</i>	<i>75.4</i>		<i>32.8</i>	<i>30-150</i>						



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								Level	Result

Batch BF70861 - EPA 3550C

Matrix Spike Dup (BF70861-MSD1)	*Source sample: 17F0347-21 (SFC-2-Surface)						Prepared & Analyzed: 06/16/2017				
4,4'-DDD	12.6	1.87	ug/kg dry	37.7	ND	33.3	30-150			2.34	30
4,4'-DDE	10.2	1.87	"	37.7	ND	27.0	30-150	Low Bias		3.54	30
4,4'-DDT	10.0	1.87	"	37.7	ND	26.6	30-150	Low Bias		6.94	30
Aldrin	11.9	1.87	"	37.7	ND	31.6	30-150			7.91	30
alpha-BHC	12.6	1.87	"	37.7	ND	33.3	30-150			3.28	30
alpha-Chlordane	13.4	1.87	"	37.7	ND	35.6	30-150			7.02	30
beta-BHC	13.3	1.87	"	37.7	ND	35.4	30-150			3.87	30
delta-BHC	10.8	1.87	"	37.7	ND	28.6	30-150	Low Bias		3.90	30
Dieldrin	13.3	1.87	"	37.7	ND	35.3	30-150			6.70	30
Endosulfan I	14.0	1.87	"	37.7	ND	37.2	30-150			5.72	30
Endosulfan II	14.2	1.87	"	37.7	ND	37.7	30-150			2.78	30
Endosulfan sulfate	13.7	1.87	"	37.7	ND	36.5	30-150			0.819	30
Endrin	12.7	1.87	"	37.7	ND	33.7	30-150			4.82	30
Endrin aldehyde	13.8	1.87	"	37.7	ND	36.5	30-150			3.16	30
Endrin ketone	14.4	1.87	"	37.7	ND	38.2	30-150			1.10	30
gamma-BHC (Lindane)	12.7	1.87	"	37.7	ND	33.6	30-150			4.46	30
gamma-Chlordane	12.9	1.87	"	37.7	ND	34.2	30-150			5.53	30
Heptachlor	11.9	1.87	"	37.7	ND	31.5	30-150			5.94	30
Heptachlor epoxide	14.5	1.87	"	37.7	ND	38.5	30-150			5.42	30
Methoxychlor	11.8	9.33	"	37.7	ND	31.4	30-150			5.17	30
<i>Surrogate: Decachlorobiphenyl</i>	<i>19.9</i>		<i>"</i>	<i>75.4</i>		<i>26.4</i>	<i>30-150</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>22.2</i>		<i>"</i>	<i>75.4</i>		<i>29.4</i>	<i>30-150</i>				

Batch Y7F1309 - BB70285

Performance Mix (Y7F1309-PEM1)	Prepared & Analyzed: 06/12/2017										
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.940		"	0.00			0-200				
4,4'-DDT	128		"	200		63.9	0-200				
Endrin	79.7		"	100		79.7	0-200				
Endrin aldehyde	1.15		"	0.00			0-200				
Endrin ketone	3.48		"	0.00			0-200				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch Y7F1309 - BB70285

Performance Mix (Y7F1309-PEM2)

Prepared & Analyzed: 06/12/2017

4,4'-DDD	0.00		ng/mL	0.00				0-200					
4,4'-DDE	0.763		"	0.00				0-200					
4,4'-DDT	143		"	200		71.6		0-200					
Endrin	83.8		"	100		83.8		0-200					
Endrin aldehyde	1.32		"	0.00				0-200					
Endrin ketone	3.25		"	0.00				0-200					

Performance Mix (Y7F1309-PEM3)

Prepared & Analyzed: 06/12/2017

4,4'-DDD	0.00		ng/mL	0.00				0-200					
4,4'-DDE	1.14		"	0.00				0-200					
4,4'-DDT	152		"	200		76.0		0-200					
Endrin	90.0		"	100		90.0		0-200					
Endrin aldehyde	1.94		"	0.00				0-200					
Endrin ketone	4.07		"	0.00				0-200					



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								Limit			

Batch BF70557 - EPA SW846-3510C Low Level

Blank (BF70557-BLK2)

Prepared & Analyzed: 06/12/2017

Aroclor 1016	ND	0.0500	ug/L										
Aroclor 1221	ND	0.0500	"										
Aroclor 1232	ND	0.0500	"										
Aroclor 1242	ND	0.0500	"										
Aroclor 1248	ND	0.0500	"										
Aroclor 1254	ND	0.0500	"										
Aroclor 1260	ND	0.0500	"										
Total PCBs	ND	0.0500	"										

Surrogate: Tetrachloro-m-xylene

0.108

"

0.200

54.0

30-120

Surrogate: Decachlorobiphenyl

0.0910

"

0.200

45.5

30-120

LCS (BF70557-BS2)

Prepared & Analyzed: 06/12/2017

Aroclor 1016	0.736	0.0500	ug/L	1.00		73.6	40-120						
Aroclor 1260	0.802	0.0500	"	1.00		80.2	40-120						

Surrogate: Tetrachloro-m-xylene

0.113

"

0.200

56.5

30-120

Surrogate: Decachlorobiphenyl

0.0860

"

0.200

43.0

30-120

LCS Dup (BF70557-BS2)

Prepared & Analyzed: 06/12/2017

Aroclor 1016	0.752	0.0500	ug/L	1.00		75.2	40-120	2.15	30				
Aroclor 1260	0.824	0.0500	"	1.00		82.4	40-120	2.78	30				

Surrogate: Tetrachloro-m-xylene

0.110

"

0.200

55.0

30-120

Surrogate: Decachlorobiphenyl

0.0780

"

0.200

39.0

30-120

Batch BF70681 - EPA 3550C

Blank (BF70681-BLK2)

Prepared & Analyzed: 06/14/2017

Aroclor 1016	ND	0.0167	mg/kg wet										
Aroclor 1221	ND	0.0167	"										
Aroclor 1232	ND	0.0167	"										
Aroclor 1242	ND	0.0167	"										
Aroclor 1248	ND	0.0167	"										
Aroclor 1254	ND	0.0167	"										
Aroclor 1260	ND	0.0167	"										
Total PCBs	ND	0.0167	"										

Surrogate: Tetrachloro-m-xylene

0.0447

"

0.0667

67.0

30-140

Surrogate: Decachlorobiphenyl

0.0433

"

0.0667

65.0

30-140



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70681 - EPA 3550C

LCS (BF70681-BS2)

Prepared & Analyzed: 06/14/2017

Aroclor 1016	0.276	0.0167	mg/kg wet	0.333		82.9	40-130				
Aroclor 1260	0.255	0.0167	"	0.333		76.5	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0490</i>		"	<i>0.0667</i>		<i>73.5</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0443</i>		"	<i>0.0667</i>		<i>66.5</i>	<i>30-140</i>				

Batch BF70781 - EPA 3550C

Blank (BF70781-BLK2)

Prepared & Analyzed: 06/15/2017

Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0457</i>		"	<i>0.0667</i>		<i>68.5</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0423</i>		"	<i>0.0667</i>		<i>63.5</i>	<i>30-140</i>				

LCS (BF70781-BS2)

Prepared & Analyzed: 06/15/2017

Aroclor 1016	0.295	0.0167	mg/kg wet	0.333		88.6	40-130				
Aroclor 1260	0.277	0.0167	"	0.333		83.1	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0443</i>		"	<i>0.0667</i>		<i>66.5</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0420</i>		"	<i>0.0667</i>		<i>63.0</i>	<i>30-140</i>				

Batch BF70782 - EPA 3550C

Blank (BF70782-BLK2)

Prepared & Analyzed: 06/15/2017

Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0460</i>		"	<i>0.0667</i>		<i>69.0</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0407</i>		"	<i>0.0667</i>		<i>61.0</i>	<i>30-140</i>				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70782 - EPA 3550C

LCS (BF70782-BS2)

Prepared & Analyzed: 06/15/2017

Aroclor 1016	0.296	0.0167	mg/kg wet	0.333		88.8	40-130				
Aroclor 1260	0.275	0.0167	"	0.333		82.4	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0450</i>		"	<i>0.0667</i>		<i>67.5</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0397</i>		"	<i>0.0667</i>		<i>59.5</i>	<i>30-140</i>				

Batch BF70861 - EPA 3550C

Blank (BF70861-BLK2)

Prepared & Analyzed: 06/16/2017

Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0547</i>		"	<i>0.0667</i>		<i>82.0</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0637</i>		"	<i>0.0667</i>		<i>95.5</i>	<i>30-140</i>				

LCS (BF70861-BS2)

Prepared & Analyzed: 06/16/2017

Aroclor 1016	0.372	0.0167	mg/kg wet	0.333		112	40-130				
Aroclor 1260	0.372	0.0167	"	0.333		112	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0503</i>		"	<i>0.0667</i>		<i>75.5</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0600</i>		"	<i>0.0667</i>		<i>90.0</i>	<i>30-140</i>				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	Limits	Limit				

Batch BF70868 - EPA 3015A

Blank (BF70868-BLK1)

Prepared: 06/16/2017 Analyzed: 06/17/2017

Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0111	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Copper	ND	0.00333	"								
Iron	0.0286	0.0222	"								
Lead	ND	0.00333	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.00556	"								
Potassium	0.153	0.0556	"								
Silver	ND	0.00556	"								
Sodium	0.837	0.111	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0111	"								

Reference (BF70868-SRM1)

Prepared: 06/16/2017 Analyzed: 06/17/2017

Aluminum	0.862		ug/mL	0.889	97.0	81.4-117.2					
Barium	0.550		"	0.570	96.5	85-115					
Calcium	0.0146		"	126	0.0116	86.5-114.3	Low Bias				
Chromium	0.243		"	0.260	93.4	85-115					
Copper	0.411		"	0.420	98.0	85-115					
Iron	0.702		"	0.759	92.5	84.9-115					
Lead	0.136		"	0.140	96.9	85-115					
Magnesium	0.00193		"	115	0.00168	86.3-114.8	Low Bias				
Manganese	0.795		"	0.819	97.1	84.9-115					
Nickel	0.500		"	0.510	98.1	87-113.7					
Potassium	0.101		"	65.3	0.155	84.9-115	Low Bias				
Silver	0.456		"	0.510	89.5	85-115					
Sodium	0.547		"	161	0.340	85-115	Low Bias				
Vanadium	0.809		"	0.909	89.0	85-114.9					
Zinc	0.609		"	0.679	89.8	84.9-115					



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit

Batch BF70967 - EPA 3050B

Blank (BF70967-BLK1)

Prepared: 06/19/2017 Analyzed: 06/21/2017

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	5.44	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

Duplicate (BF70967-DUP1)

*Source sample: 17F0347-08 (LB-29-COMP 1)

Prepared: 06/19/2017 Analyzed: 06/21/2017

Aluminum	5970	5.86	mg/kg dry		6580			9.79	35		
Antimony	7.49	0.586	"		10.4			32.7	35		
Arsenic	2.57	1.17	"		4.61			56.7	35	Non-dir.	
Barium	332	1.17	"		379			13.2	35		
Beryllium	0.131	0.117	"		ND				35		
Cadmium	1.03	0.351	"		0.893			14.4	35		
Calcium	41500	5.86	"		50500			19.5	35		
Chromium	273	0.586	"		281			2.74	35		
Cobalt	23.7	0.586	"		21.4			10.0	35		
Copper	493	0.586	"		291			51.5	35	Non-dir.	
Iron	124000	2.34	"		117000			5.69	35		
Lead	258	0.351	"		421			47.9	35	Non-dir.	
Magnesium	5330	5.86	"		6520			20.0	35		
Manganese	ND	0.586	"		ND				35		
Nickel	213	0.586	"		221			3.44	35		
Potassium	1070	5.86	"		1550			37.0	35	Non-dir.	
Selenium	28.2	1.17	"		28.8			2.09	35		
Silver	1.03	0.586	"		ND				35		
Sodium	257	11.7	"		360			33.5	35		
Thallium	22.8	1.17	"		19.3			16.7	35		
Vanadium	164	1.17	"		215			27.1	35		
Zinc	231	1.17	"		218			5.91	35		



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								RPD	Limit

Batch BF70967 - EPA 3050B

Matrix Spike (BF70967-MS1)	*Source sample: 17F0347-08 (LB-29-COMP 1)						Prepared: 06/19/2017 Analyzed: 06/21/2017				
Aluminum	8130	5.86	mg/kg dry	234	6580	659	75-125	High Bias			
Antimony	23.5	0.586	"	29.3	10.4	44.5	75-125	Low Bias			
Arsenic	197	1.17	"	234	4.61	82.0	75-125				
Barium	667	1.17	"	234	379	123	75-125				
Beryllium	4.79	0.117	"	5.86	ND	81.8	75-125				
Cadmium	5.89	0.351	"	5.86	0.893	85.3	75-125				
Chromium	325	0.586	"	23.4	281	188	75-125	High Bias			
Cobalt	73.1	0.586	"	58.6	21.4	88.1	75-125				
Copper	399	0.586	"	29.3	291	368	75-125	High Bias			
Iron	120000	2.34	"	117	117000	NR	75-125	High Bias			
Lead	316	0.351	"	58.6	421	NR	75-125	Low Bias			
Magnesium	9820	5.86	"		6520		75-125				
Manganese	ND	0.586	"	58.6	ND		75-125	Low Bias			
Nickel	210	0.586	"	58.6	221	NR	75-125	Low Bias			
Potassium	1670	5.86	"		1550		75-125				
Selenium	212	1.17	"	234	28.8	78.2	75-125				
Silver	6.07	0.586	"	5.86	ND	104	75-125				
Sodium	253	11.7	"		360		75-125				
Thallium	215	1.17	"	234	19.3	83.3	75-125				
Vanadium	179	1.17	"	58.6	215	NR	75-125	Low Bias			
Zinc	300	1.17	"	58.6	218	140	75-125	High Bias			

Reference (BF70967-SRM1)	Prepared: 06/19/2017 Analyzed: 06/21/2017										
Aluminum	6040	5.00	mg/kg wet	8080		74.8	39.6-160.89				
Antimony	77.6	0.500	"	88.2		88.0	19.6-259.6				
Arsenic	181	1.00	"	57.0		318	67-161.9	High Bias			
Barium	376	1.00	"	110		342	72-129.1	High Bias			
Beryllium	90.8	0.100	"	67.5		134	73.8-126.4	High Bias			
Cadmium	99.8	0.300	"	77.8		128	73.3-126.7	High Bias			
Calcium	4890	5.00	"	6450		75.9	73.9-126.9				
Chromium	62.8	0.500	"	65.0		96.6	68.2-132				
Cobalt	154	0.500	"	58.8		262	74.3-125.7	High Bias			
Copper	70.6	0.500	"	56.4		125	72.5-131.4				
Iron	13100	2.00	"	14700		88.9	36.4-163.9				
Lead	66.9	0.300	"	85.6		78.2	69.7-130.8				
Magnesium	2340	5.00	"	2710		86.2	64.6-135.1				
Manganese	371	0.500	"	273		136	73.9-126	High Bias			
Nickel	144	0.500	"	61.3		235	70.3-129.7	High Bias			
Potassium	2260	5.00	"	2420		93.6	60.3-140.1				
Selenium	89.7	1.00	"	78.9		114	63.2-136.9				
Silver	33.8	0.500	"	54.2		62.4	66.8-133.4	Low Bias			
Sodium	470	10.0	"	914		51.4	59.2-141.1	Low Bias			
Thallium	125	1.00	"	178		70.3	68.5-130.9				
Vanadium	120	1.00	"	56.3		213	53.3-146.5	High Bias			
Zinc	291	1.00	"	198		147	69.7-129.8	High Bias			



Metals by ICP/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								Limit			

Batch BF70726 - EPA 3015A

Blank (BF70726-BLK1)

Prepared: 06/14/2017 Analyzed: 06/20/2017

Antimony	ND	1.11	ug/L										
Arsenic	ND	1.11	"										
Beryllium	ND	0.333	"										
Cadmium	ND	0.556	"										
Molybdenum	ND	1.11	"										
Selenium	ND	1.11	"										
Thallium	ND	1.11	"										

Reference (BF70726-SRM1)

Prepared: 06/14/2017 Analyzed: 06/20/2017

Antimony	28.7	1.11	ug/L	32.3	88.7	70.1-129.8
Arsenic	7.41	1.11	"	7.29	102	69.9-130
Beryllium	4.99	0.333	"	4.52	110	85-114.9
Cadmium	26.0	0.556	"	29.7	87.7	80.1-119.8
Molybdenum	53.4	1.11	"	56.0	95.4	84.9-115
Selenium	38.9	1.11	"	48.7	79.9	79.9-120
Thallium	3.77	1.11	"	4.53	83.1	70-129.9



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF70790 - EPA 7473 soil											
Blank (BF70790-BLK1)										Prepared & Analyzed: 06/15/2017	
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BF70790-DUP1)										*Source sample: 17F0347-08 (LB-29-COMP 1) Prepared & Analyzed: 06/15/2017	
Mercury	0.292	0.0351	mg/kg dry		0.215				30.3	35	
Matrix Spike (BF70790-MS1)										*Source sample: 17F0347-08 (LB-29-COMP 1) Prepared & Analyzed: 06/15/2017	
Mercury	0.825		mg/kg	0.500	0.184	128	75-125	High Bias			
Reference (BF70790-SRM1)										Prepared & Analyzed: 06/15/2017	
Mercury	18.244		mg/kg	13.8		132	51.4-168.8				
Batch BF70909 - EPA SW846-7470											
Blank (BF70909-BLK1)										Prepared & Analyzed: 06/16/2017	
Mercury	ND	0.0002	mg/L								
LCS (BF70909-BS1)										Prepared & Analyzed: 06/16/2017	
Mercury	0.002263	0.0002	mg/L	0.00200		113	80-120				



Miscellaneous Physical Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF70632 - % Solids Prep

Duplicate (BF70632-DUP1)	*Source sample: 17F0347-12 (LB-31-COMP 1)						Prepared & Analyzed: 06/13/2017				
% Solids	93.5	0.100	%		94.7				1.29	20	

Batch BF70663 - % Solids Prep

Duplicate (BF70663-DUP1)	*Source sample: 17F0347-25 (SFC-4-2-12)						Prepared & Analyzed: 06/13/2017				
% Solids	84.5	0.100	%		84.8				0.308	20	



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF70802 - Analysis Preparation Soil											
Blank (BF70802-BLK1)											Prepared & Analyzed: 06/15/2017
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BF70802-SRM1)											Prepared & Analyzed: 06/15/2017
Cyanide, total	54.5		ug/mL	53.9		101	37.5-163.7				
Batch BF70863 - Analysis Preparation Soil											
Blank (BF70863-BLK1)											Prepared & Analyzed: 06/16/2017
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BF70863-DUP1)											Prepared & Analyzed: 06/16/2017
	*Source sample: 17F0347-15 (LB-32-COMP 2)										
Cyanide, total	ND	0.585	mg/kg dry		ND						15
Matrix Spike (BF70863-MS1)											Prepared & Analyzed: 06/16/2017
	*Source sample: 17F0347-15 (LB-32-COMP 2)										
Cyanide, total	10.4	0.585	mg/kg dry	11.7	ND	88.5	79.6-107				
Reference (BF70863-SRM1)											Prepared & Analyzed: 06/16/2017
Cyanide, total	58.0		ug/mL	53.9		108	37.5-163.7				
Batch BF70865 - Analysis Preparation											
Blank (BF70865-BLK1)											Prepared & Analyzed: 06/16/2017
Cyanide, total	ND	0.0100	mg/L								
LCS (BF70865-BS1)											Prepared & Analyzed: 06/16/2017
Cyanide, total	0.186	0.0100	mg/L	0.200		93.0	76.2-107				





Notes and Definitions

S-DUP	Duplicate analysis confirmed surrogate failure due to matrix effects.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-03	Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW -846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number 17F0347

COC Number

CLIENT INFORMATION

Report to be sent to
COMPANY: LiRo Engineers, Inc.
ADDRESS: 690 Delaware Ave.
CITY: Buffalo STATE: NY ZIP: 14209
ATTENTION: Jon Williams
PHONE: 716 882 5476 FAX: 716 882 9640

PROJECT INFORMATION

PROJECT NAME: 683 Northland
PROJECT #: 15-029-1054 LOCATION: Buffalo
PROJECT MANAGER: Steve Frank
E-MAIL: williamsj@liro.com
PHONE: FAX:

BILLING INFORMATION

BILL TO: LiRo Engineers Inc. PO# 15-029-1054
ADDRESS: 692 Delaware Ave.
CITY: Buffalo STATE: NY ZIP: 14209
ATTENTION: Annette Gorecki
PHONE: 716-882-5476

DATA TURNAROUND INFORMATION

FAX: 5 _____ DAYS*
HARD COPY: 10 _____ DAYS*
EDD: 10 _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

RESULTS ONLY
 RESULTS * QC
 New Jersey REDUCED
 New Jersey CLP
 EDD FORMAT: NYSDEC EDD
 USEPA CLP
 New York State ASP "B"
 New York State ASP "A"
 Other

ANALYSIS

PCBs
SVCS
Pesticides
TRI Metals
Cyanide

PRESERVATIVES

1 2 3 4 5 6 7 8 9
K E E E
A-HCl C-H2SO4 D-NaOH F-OTHER
Specify Preservatives

COMMENTS

of Bottles

CHEMTECH SAMPLE ID	PROJECT IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles
			COMP	GRAB	DATE	TIME	
1. LB-35-COMP1		Soil	X		6/17/02	0820	1
2. LB-35-COMP2			X			0825	1
3. LB-35-COMP3			X			0830	1
4. LB-36-COMP1			X			0845	1
5. LB-36-COMP2			X			0900	1
6. LB-37-COMP1			X			0930	1
7. LB-37-COMP2			X			0945	1
8. LB-29-COMP1			X			1000	2
9. LB-29-COMP2			X			1015	2
10. LB-30-COMP1			X			1045	2

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: [Signature]
DATE/TIME: 6/17/02
RECEIVED BY: [Signature]
DATE/TIME: [Blank]
RELINQUISHED BY: [Signature]
DATE/TIME: 6/19/02
RECEIVED FOR LAB BY: [Signature]
DATE/TIME: 0955

Conditions of bottles or collars at receipt: → COMPLIANT → NON COMPLIANT → COOLER TEMP _____
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:
CLIENT: → Hand Delivered →
CHEMTECH: → Picked Up →
Overnight
Page _____ of _____
Shipment Complete
 YES → NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY #

1 of 3

284 Sheffield Street, Mountainside, NJ 07092
 (908) 789-8900 Fax (908) 789-8922
 www.chemtech.net

Chemtech Project Number

17F0347

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION

Report to be sent to _____

COMPANY: Same as page 1

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

ATTENTION: _____

PHONE: _____ FAX: _____

PROJECT INFORMATION

PROJECT NAME: Same as page 1

PROJECT #: _____ LOCATION: _____

PROJECT MANAGER: _____

E-MAIL: _____

PHONE: _____ FAX: _____

BILLING INFORMATION

BILL TO: _____ PO# _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

ATTENTION: _____

PHONE: _____

DATA TURNAROUND INFORMATION

FAX: _____ DAYS* _____

HARD COPY: _____ DAYS* _____

EDD _____ DAYS* _____

* TO BE APPROVED BY CHEMTECH
 STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

RESULTS ONLY

RESULTS * QC

New Jersey REDUCED

New Jersey CLP

EDD FORMAT

USEPA CLP

New York State ASP "B"

New York State ASP "A"

Other _____

PROJECT IDENTIFICATION

SAMPLE MATRIX

SAMPLE TYPE

SAMPLE COLLECTION

DATE

TIME

of Bottles

CHEMTECH SAMPLE ID	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION	DATE	TIME	# of Bottles
1. SFC-2-Surface	Soil	X		6/7/17	1450	1
2. SFC-2-2-12		X			1455	1
3. SFC-3-Surface		X			1445	1
4. SFC-4-Surface		X			1435	1
5. SFC-4-2-12		X			1440	1
6. 060717-RB-01	Water	X			1545	5
7.						
8.						
9.						
10.						

ANALYSIS

PCB																			
SUBC																			
Pesticides																			
TRI Metals																			
Cyanide																			

PRESERVATIVES

	1	2	3	4	5	6	7	8	9
E									
F									
E									
F									
E									
F									
E									
F									
E									
F									

<- Specify Preservatives
 A-HCl
 B-HNO3
 C-H2SO4
 E-ICE
 D-NaOH
 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

Conditions of bottles or collars at receipt: → COMPLIANT → NON COMPLIANT → COOLER TEMP _____

MeOH extraction requires an additional 4oz. Jar for percent solid

Comments:

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. <u>[Signature]</u>	6/8/17 1600	
RELINQUISHED BY	DATE/TIME	RECEIVED BY
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
	6/9/17 0955	3. <u>[Signature]</u> 4.9°C

CLIENT: _____ → Hand Delivered _____ →
 CHEMTECH: _____ → Picked Up _____ →
 Shipment Complete
 YES NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY #

3 of 3

**DATA FOR
VOLATILE ORGANICS
GC SEMI-VOLATILES**

PROJECT NAME : BUDC NORTHLAND CORRIDOR PROJECT

LIRO ENGINEERS, INC.

690 Delaware Ave.

Buffalo, NY - 14209

Phone No: 716-882-5476

ORDER ID : I4855

ATTENTION : Jon Williams



DoD ELAP



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Date : 08/24/2017

Dear Jon Williams,

26 soil samples for the **BUDC Northland Corridor Project** project were received on **08/17/2017**. The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

Regards,

Loreana Davi

Loreana@chemtech.net

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17			
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17			
Client Sample ID:	LB-39-0-4	SDG No.:	I4855			
Lab Sample ID:	I4855-01	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	9.2	Decanted:		
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036906.D	1	08/18/17 08:44	08/22/17 14:57	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	18.7	U	3.7	3.7	18.7	ug/kg
11104-28-2	Aroclor-1221	18.7	U	3.7	3.7	18.7	ug/kg
11141-16-5	Aroclor-1232	18.7	U	3.7	3.7	18.7	ug/kg
53469-21-9	Aroclor-1242	18.7	U	3.7	3.7	18.7	ug/kg
12672-29-6	Aroclor-1248	18.7	U	3.7	3.7	18.7	ug/kg
11097-69-1	Aroclor-1254	710	EP	1.6	3.7	18.7	ug/kg
37324-23-5	Aroclor-1262	18.7	U	3.7	3.7	18.7	ug/kg
11100-14-4	Aroclor-1268	18.7	U	3.7	3.7	18.7	ug/kg
11096-82-5	Aroclor-1260	430	E	3.7	3.7	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.3		10 - 166		71%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.2		60 - 125		66%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-0-4	SDG No.:	I4855
Lab Sample ID:	I4855-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	8.8 Decanted:
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036908.D	1	08/18/17 08:44	08/22/17 15:29	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	18.6	U	3.7	3.7	18.6	ug/kg
11104-28-2	Aroclor-1221	18.6	U	3.7	3.7	18.6	ug/kg
11141-16-5	Aroclor-1232	18.6	U	3.7	3.7	18.6	ug/kg
53469-21-9	Aroclor-1242	18.6	U	3.7	3.7	18.6	ug/kg
12672-29-6	Aroclor-1248	18.6	U	3.7	3.7	18.6	ug/kg
11097-69-1	Aroclor-1254	150		1.6	3.7	18.6	ug/kg
37324-23-5	Aroclor-1262	18.6	U	3.7	3.7	18.6	ug/kg
11100-14-4	Aroclor-1268	18.6	U	3.7	3.7	18.6	ug/kg
11096-82-5	Aroclor-1260	170	P	3.7	3.7	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.3		10 - 166		87%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		60 - 125		87%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
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J = Estimated Value
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 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5	SDG No.:	14855
Lab Sample ID:	I4855-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD054830.D	1		08/18/17 16:40	VD081817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	6.1	U	0.61	0.61	6.1	ug/Kg
74-87-3	Chloromethane	6.1	U	0.61	0.61	6.1	ug/Kg
75-01-4	Vinyl Chloride	6.1	U	0.61	0.61	6.1	ug/Kg
74-83-9	Bromomethane	6.1	UQ	1.2	1.2	6.1	ug/Kg
75-00-3	Chloroethane	6.1	U	0.61	0.61	6.1	ug/Kg
75-69-4	Trichlorofluoromethane	6.1	U	0.61	0.61	6.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	6.1	U	0.61	0.61	6.1	ug/Kg
75-35-4	1,1-Dichloroethene	6.1	U	0.61	0.61	6.1	ug/Kg
67-64-1	Acetone	300		3	3	30.3	ug/Kg
75-15-0	Carbon Disulfide	5.6	J	0.61	0.61	6.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	6.1	U	0.61	0.61	6.1	ug/Kg
79-20-9	Methyl Acetate	6.1	U	1.2	1.2	6.1	ug/Kg
75-09-2	Methylene Chloride	6.1	U	0.61	0.61	6.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	6.1	U	0.61	0.61	6.1	ug/Kg
75-34-3	1,1-Dichloroethane	6.1	U	0.61	0.61	6.1	ug/Kg
110-82-7	Cyclohexane	14.4		0.61	0.61	6.1	ug/Kg
78-93-3	2-Butanone	63.7		3.8	9.1	30.3	ug/Kg
56-23-5	Carbon Tetrachloride	6.1	U	0.61	0.61	6.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	6.1	U	0.61	0.61	6.1	ug/Kg
74-97-5	Bromochloromethane	6.1	U	0.61	0.61	6.1	ug/Kg
67-66-3	Chloroform	6.1	U	0.61	0.61	6.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	6.1	U	0.61	0.61	6.1	ug/Kg
108-87-2	Methylcyclohexane	26.9		0.61	0.61	6.1	ug/Kg
71-43-2	Benzene	4	J	0.46	0.61	6.1	ug/Kg
107-06-2	1,2-Dichloroethane	6.1	U	0.61	0.61	6.1	ug/Kg
79-01-6	Trichloroethene	6.1	U	0.61	0.61	6.1	ug/Kg
78-87-5	1,2-Dichloropropane	6.1	U	0.31	0.61	6.1	ug/Kg
75-27-4	Bromodichloromethane	6.1	U	0.61	0.61	6.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	30.3	U	3	3	30.3	ug/Kg
108-88-3	Toluene	97.1		0.61	0.61	6.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	6.1	U	0.61	0.61	6.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	6.1	U	0.61	0.61	6.1	ug/Kg

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5	SDG No.:	14855
Lab Sample ID:	I4855-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD054830.D	1		08/18/17 16:40	VD081817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	6.1	U	1.1	1.2	6.1	ug/Kg
591-78-6	2-Hexanone	30.3	U	3	3	30.3	ug/Kg
124-48-1	Dibromochloromethane	6.1	U	0.61	0.61	6.1	ug/Kg
106-93-4	1,2-Dibromoethane	6.1	U	0.61	0.61	6.1	ug/Kg
127-18-4	Tetrachloroethene	6.1	U	0.61	0.61	6.1	ug/Kg
108-90-7	Chlorobenzene	15.6		0.61	0.61	6.1	ug/Kg
100-41-4	Ethyl Benzene	3300	E	0.61	0.61	6.1	ug/Kg
179601-23-1	m/p-Xylenes	17600	E	0.87	1.2	12.1	ug/Kg
95-47-6	o-Xylene	4900	E	0.61	0.61	6.1	ug/Kg
100-42-5	Styrene	6.1	U	0.55	0.61	6.1	ug/Kg
75-25-2	Bromoform	6.1	U	0.9	1.8	6.1	ug/Kg
98-82-8	Isopropylbenzene	650	E	0.58	0.61	6.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	6.1	U	0.56	0.61	6.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	6.1	U	0.45	0.61	6.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	6.1	U	0.5	0.61	6.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	6.1	U	0.61	0.61	6.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.1	U	1.1	6.1	6.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	6.1	U	0.61	0.61	6.1	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	6.1	U	0.61	1.2	6.1	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.2		56 - 120		114%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		57 - 135		103%	SPK: 50
2037-26-5	Toluene-d8	43.8		67 - 123		88%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.6		33 - 141		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	226990	6.21				
540-36-3	1,4-Difluorobenzene	296908	7.33				
3114-55-4	Chlorobenzene-d5	245796	11.5				
3855-82-1	1,4-Dichlorobenzene-d4	119238	13.84				
TENTATIVE IDENTIFIED COMPOUNDS							
103-65-1	n-propylbenzene	18.4	J			13	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	250	J			13.18	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	380	J			13.51	ug/Kg

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5	SDG No.:	14855
Lab Sample ID:	14855-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD054830.D	1		08/18/17 16:40	VD081817

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
135-98-8	sec-Butylbenzene	15.6	J			13.66	ug/Kg
99-87-6	p-Isopropyltoluene	67.8	J			13.8	ug/Kg
104-51-8	n-Butylbenzene	21	J			14.11	ug/Kg
91-20-3	Naphthalene	34.2	J			15.69	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5ME	SDG No.:	I4855
Lab Sample ID:	I4855-04ME	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	4.98 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN042986.D	10		08/22/17 14:13	VN082217

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	6100	UD	610	610	6100	ug/Kg
74-87-3	Chloromethane	6100	UD	610	610	6100	ug/Kg
75-01-4	Vinyl Chloride	6100	UD	610	610	6100	ug/Kg
74-83-9	Bromomethane	6100	UD	1200	1200	6100	ug/Kg
75-00-3	Chloroethane	6100	UD	610	610	6100	ug/Kg
75-69-4	Trichlorofluoromethane	6100	UD	610	610	6100	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	6100	UD	610	610	6100	ug/Kg
75-35-4	1,1-Dichloroethene	6100	UD	610	610	6100	ug/Kg
67-64-1	Acetone	30500	UD	3000	3000	30500	ug/Kg
75-15-0	Carbon Disulfide	6100	UD	610	610	6100	ug/Kg
1634-04-4	Methyl tert-butyl Ether	6100	UD	610	610	6100	ug/Kg
79-20-9	Methyl Acetate	6100	UD	1200	1200	6100	ug/Kg
75-09-2	Methylene Chloride	6100	UD	610	610	6100	ug/Kg
156-60-5	trans-1,2-Dichloroethene	6100	UD	610	610	6100	ug/Kg
75-34-3	1,1-Dichloroethane	6100	UD	610	610	6100	ug/Kg
110-82-7	Cyclohexane	6100	UD	610	610	6100	ug/Kg
78-93-3	2-Butanone	30500	UD	3800	9100	30500	ug/Kg
56-23-5	Carbon Tetrachloride	6100	UD	610	610	6100	ug/Kg
156-59-2	cis-1,2-Dichloroethene	6100	UD	610	610	6100	ug/Kg
74-97-5	Bromochloromethane	6100	UD	610	610	6100	ug/Kg
67-66-3	Chloroform	6100	UD	610	610	6100	ug/Kg
71-55-6	1,1,1-Trichloroethane	6100	UD	610	610	6100	ug/Kg
108-87-2	Methylcyclohexane	6100	UD	610	610	6100	ug/Kg
71-43-2	Benzene	6100	UD	460	610	6100	ug/Kg
107-06-2	1,2-Dichloroethane	6100	UD	610	610	6100	ug/Kg
79-01-6	Trichloroethene	6100	UD	610	610	6100	ug/Kg
78-87-5	1,2-Dichloropropane	6100	UD	320	610	6100	ug/Kg
75-27-4	Bromodichloromethane	6100	UD	610	610	6100	ug/Kg
108-10-1	4-Methyl-2-Pentanone	30500	UD	3000	3000	30500	ug/Kg
108-88-3	Toluene	800	JD	610	610	6100	ug/Kg
10061-02-6	t-1,3-Dichloropropene	6100	UD	610	610	6100	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	6100	UD	610	610	6100	ug/Kg

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5ME	SDG No.:	I4855
Lab Sample ID:	I4855-04ME	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	4.98 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN042986.D	10		08/22/17 14:13	VN082217

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	6100	UD	1100	1200	6100	ug/Kg
591-78-6	2-Hexanone	30500	UD	3000	3000	30500	ug/Kg
124-48-1	Dibromochloromethane	6100	UD	610	610	6100	ug/Kg
106-93-4	1,2-Dibromoethane	6100	UD	610	610	6100	ug/Kg
127-18-4	Tetrachloroethene	6100	UD	610	610	6100	ug/Kg
108-90-7	Chlorobenzene	6100	UD	610	610	6100	ug/Kg
100-41-4	Ethyl Benzene	39700	D	610	610	6100	ug/Kg
179601-23-1	m/p-Xylenes	714400	ED	880	1200	12200	ug/Kg
95-47-6	o-Xylene	53000	D	610	610	6100	ug/Kg
100-42-5	Styrene	6100	UD	550	610	6100	ug/Kg
75-25-2	Bromoform	6100	UD	900	1800	6100	ug/Kg
98-82-8	Isopropylbenzene	6900	D	580	610	6100	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	6100	UD	560	610	6100	ug/Kg
541-73-1	1,3-Dichlorobenzene	6100	UD	450	610	6100	ug/Kg
106-46-7	1,4-Dichlorobenzene	6100	UD	500	610	6100	ug/Kg
95-50-1	1,2-Dichlorobenzene	6100	UD	610	610	6100	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6100	UD	1100	6100	6100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	6100	UD	610	610	6100	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	6100	UD	610	1200	6100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44		56 - 120		88%	SPK: 50
1868-53-7	Dibromofluoromethane	46.7		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	49.4		67 - 123		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		33 - 141		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1158700	7.84				
540-36-3	1,4-Difluorobenzene	2003190	8.74				
3114-55-4	Chlorobenzene-d5	1806340	11.55				
3855-82-1	1,4-Dichlorobenzene-d4	789550	13.49				

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5ME	SDG No.:	14855
Lab Sample ID:	14855-04ME	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	4.98 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN042986.D	10		08/22/17 14:13	VN082217

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5MEDL	SDG No.:	I4855
Lab Sample ID:	I4855-04MEDL	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	4.98 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN042988.D	100		08/22/17 15:04	VN082217

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	60900	UD	6100	6100	60900	ug/Kg
74-87-3	Chloromethane	60900	UD	6100	6100	60900	ug/Kg
75-01-4	Vinyl Chloride	60900	UD	6100	6100	60900	ug/Kg
74-83-9	Bromomethane	60900	UD	12200	12200	60900	ug/Kg
75-00-3	Chloroethane	60900	UD	6100	6100	60900	ug/Kg
75-69-4	Trichlorofluoromethane	60900	UD	6100	6100	60900	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	60900	UD	6100	6100	60900	ug/Kg
75-35-4	1,1-Dichloroethene	60900	UD	6100	6100	60900	ug/Kg
67-64-1	Acetone	304600	UD	30500	30500	304600	ug/Kg
75-15-0	Carbon Disulfide	60900	UD	6100	6100	60900	ug/Kg
1634-04-4	Methyl tert-butyl Ether	60900	UD	6100	6100	60900	ug/Kg
79-20-9	Methyl Acetate	60900	UD	12200	12200	60900	ug/Kg
75-09-2	Methylene Chloride	60900	UD	6100	6100	60900	ug/Kg
156-60-5	trans-1,2-Dichloroethene	60900	UD	6100	6100	60900	ug/Kg
75-34-3	1,1-Dichloroethane	60900	UD	6100	6100	60900	ug/Kg
110-82-7	Cyclohexane	60900	UD	6100	6100	60900	ug/Kg
78-93-3	2-Butanone	304600	UD	37900	91400	304600	ug/Kg
56-23-5	Carbon Tetrachloride	60900	UD	6100	6100	60900	ug/Kg
156-59-2	cis-1,2-Dichloroethene	60900	UD	6100	6100	60900	ug/Kg
74-97-5	Bromochloromethane	60900	UD	6100	6100	60900	ug/Kg
67-66-3	Chloroform	60900	UD	6100	6100	60900	ug/Kg
71-55-6	1,1,1-Trichloroethane	60900	UD	6100	6100	60900	ug/Kg
108-87-2	Methylcyclohexane	60900	UD	6100	6100	60900	ug/Kg
71-43-2	Benzene	60900	UD	4600	6100	60900	ug/Kg
107-06-2	1,2-Dichloroethane	60900	UD	6100	6100	60900	ug/Kg
79-01-6	Trichloroethene	60900	UD	6100	6100	60900	ug/Kg
78-87-5	1,2-Dichloropropane	60900	UD	3200	6100	60900	ug/Kg
75-27-4	Bromodichloromethane	60900	UD	6100	6100	60900	ug/Kg
108-10-1	4-Methyl-2-Pentanone	304600	UD	30500	30500	304600	ug/Kg
108-88-3	Toluene	60900	UD	6100	6100	60900	ug/Kg
10061-02-6	t-1,3-Dichloropropene	60900	UD	6100	6100	60900	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	60900	UD	6100	6100	60900	ug/Kg

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5MEDL	SDG No.:	I4855
Lab Sample ID:	I4855-04MEDL	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	4.98 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN042988.D	100		08/22/17 15:04	VN082217

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	60900	UD	11000	12200	60900	ug/Kg
591-78-6	2-Hexanone	304600	UD	30500	30500	304600	ug/Kg
124-48-1	Dibromochloromethane	60900	UD	6100	6100	60900	ug/Kg
106-93-4	1,2-Dibromoethane	60900	UD	6100	6100	60900	ug/Kg
127-18-4	Tetrachloroethene	60900	UD	6100	6100	60900	ug/Kg
108-90-7	Chlorobenzene	60900	UD	6100	6100	60900	ug/Kg
100-41-4	Ethyl Benzene	41800	JD	6100	6100	60900	ug/Kg
179601-23-1	m/p-Xylenes	749400	D	8800	12200	121800	ug/Kg
95-47-6	o-Xylene	55400	JD	6100	6100	60900	ug/Kg
100-42-5	Styrene	60900	UD	5500	6100	60900	ug/Kg
75-25-2	Bromoform	60900	UD	9000	18300	60900	ug/Kg
98-82-8	Isopropylbenzene	60900	UD	5800	6100	60900	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	60900	UD	5600	6100	60900	ug/Kg
541-73-1	1,3-Dichlorobenzene	60900	UD	4500	6100	60900	ug/Kg
106-46-7	1,4-Dichlorobenzene	60900	UD	5000	6100	60900	ug/Kg
95-50-1	1,2-Dichlorobenzene	60900	UD	6100	6100	60900	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	60900	UD	10600	60900	60900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60900	UD	6100	6100	60900	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	60900	UD	6100	12200	60900	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	40.1		56 - 120		80%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		57 - 135		92%	SPK: 50
2037-26-5	Toluene-d8	49		67 - 123		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		33 - 141		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	1178210	7.84				
540-36-3	1,4-Difluorobenzene	1940130	8.74				
3114-55-4	Chlorobenzene-d5	1713040	11.55				
3855-82-1	1,4-Dichlorobenzene-d4	701283	13.49				

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-5.5-6.5MEDL	SDG No.:	14855
Lab Sample ID:	14855-04MEDL	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.6
Sample Wt/Vol:	4.98 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN042988.D	100		08/22/17 15:04	VN082217

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-40-4-10	SDG No.:	I4855
Lab Sample ID:	I4855-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036938.D	1	08/18/17 08:44	08/23/17 13:04	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	20.5	U	4	4	20.5	ug/kg
11104-28-2	Aroclor-1221	20.5	U	4	4	20.5	ug/kg
11141-16-5	Aroclor-1232	20.5	U	4	4	20.5	ug/kg
53469-21-9	Aroclor-1242	20.5	U	4	4	20.5	ug/kg
12672-29-6	Aroclor-1248	20.5	U	4	4	20.5	ug/kg
11097-69-1	Aroclor-1254	21000	E	1.8	4	20.5	ug/kg
37324-23-5	Aroclor-1262	20.5	U	4	4	20.5	ug/kg
11100-14-4	Aroclor-1268	20.5	U	4	4	20.5	ug/kg
11096-82-5	Aroclor-1260	20.5	U	4	4	20.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.5		10 - 166		77%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.5		60 - 125		77%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17			
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17			
Client Sample ID:	LB-40-4-10DL	SDG No.:	I4855			
Lab Sample ID:	I4855-05DL	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	17.4	Decanted:		
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036939.D	100	08/18/17 08:44	08/23/17 13:19	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	2100	UD	400	400	2100	ug/kg
11104-28-2	Aroclor-1221	2100	UD	400	400	2100	ug/kg
11141-16-5	Aroclor-1232	2100	UD	400	400	2100	ug/kg
53469-21-9	Aroclor-1242	2100	UD	400	400	2100	ug/kg
12672-29-6	Aroclor-1248	2100	UD	400	400	2100	ug/kg
11097-69-1	Aroclor-1254	34000	D	180	400	2100	ug/kg
37324-23-5	Aroclor-1262	2100	UD	400	400	2100	ug/kg
11100-14-4	Aroclor-1268	2100	UD	400	400	2100	ug/kg
11096-82-5	Aroclor-1260	13000	D	400	400	2100	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-41-0-4	SDG No.:	I4855
Lab Sample ID:	I4855-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17.2
Sample Wt/Vol:	30.11	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	10000
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036940.D	1	08/18/17 08:44	08/23/17 13:35	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	20.5	U	4	4	20.5	ug/kg
11104-28-2	Aroclor-1221	20.5	U	4	4	20.5	ug/kg
11141-16-5	Aroclor-1232	20.5	U	4	4	20.5	ug/kg
53469-21-9	Aroclor-1242	20.5	U	4	4	20.5	ug/kg
12672-29-6	Aroclor-1248	20.5	U	4	4	20.5	ug/kg
11097-69-1	Aroclor-1254	3600	E	1.8	4	20.5	ug/kg
37324-23-5	Aroclor-1262	20.5	U	4	4	20.5	ug/kg
11100-14-4	Aroclor-1268	20.5	U	4	4	20.5	ug/kg
11096-82-5	Aroclor-1260	20.5	U	4	4	20.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.3		10 - 166		77%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.3		60 - 125		71%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-41-0-4DL	SDG No.:	14855
Lab Sample ID:	14855-06DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17.2
Sample Wt/Vol:	30.11	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	10000
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036941.D	20	08/18/17 08:44	08/23/17 13:51	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	410	UD	80.1	80.1	410	ug/kg
11104-28-2	Aroclor-1221	410	UD	80.1	80.1	410	ug/kg
11141-16-5	Aroclor-1232	410	UD	80.1	80.1	410	ug/kg
53469-21-9	Aroclor-1242	410	UD	80.1	80.1	410	ug/kg
12672-29-6	Aroclor-1248	410	UD	80.1	80.1	410	ug/kg
11097-69-1	Aroclor-1254	5200	D	35.9	80.1	410	ug/kg
37324-23-5	Aroclor-1262	410	UD	80.1	80.1	410	ug/kg
11100-14-4	Aroclor-1268	410	UD	80.1	80.1	410	ug/kg
11096-82-5	Aroclor-1260	410	UD	80.1	80.1	410	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.8		10 - 166		134%	SPK: 20
2051-24-3	Decachlorobiphenyl	22		60 - 125		110%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17			
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17			
Client Sample ID:	LB-41-4-11.3	SDG No.:	I4855			
Lab Sample ID:	I4855-07	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	17.5	Decanted:		
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036943.D	1	08/18/17 08:44	08/23/17 14:23	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	20.5	U	4	4	20.5	ug/kg
11104-28-2	Aroclor-1221	20.5	U	4	4	20.5	ug/kg
11141-16-5	Aroclor-1232	20.5	U	4	4	20.5	ug/kg
53469-21-9	Aroclor-1242	20.5	U	4	4	20.5	ug/kg
12672-29-6	Aroclor-1248	20.5	U	4	4	20.5	ug/kg
11097-69-1	Aroclor-1254	19000	E	1.8	4	20.5	ug/kg
37324-23-5	Aroclor-1262	20.5	U	4	4	20.5	ug/kg
11100-14-4	Aroclor-1268	20.5	U	4	4	20.5	ug/kg
11096-82-5	Aroclor-1260	20.5	U	4	4	20.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15.6		10 - 166		78%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.7		60 - 125		63%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-41-4-11.3DL	SDG No.:	I4855
Lab Sample ID:	I4855-07DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17.5 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036944.D	100	08/18/17 08:44	08/23/17 14:39	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	2100	UD	400	400	2100	ug/kg
11104-28-2	Aroclor-1221	2100	UD	400	400	2100	ug/kg
11141-16-5	Aroclor-1232	2100	UD	400	400	2100	ug/kg
53469-21-9	Aroclor-1242	2100	UD	400	400	2100	ug/kg
12672-29-6	Aroclor-1248	2100	UD	400	400	2100	ug/kg
11097-69-1	Aroclor-1254	33000	D	180	400	2100	ug/kg
37324-23-5	Aroclor-1262	2100	UD	400	400	2100	ug/kg
11100-14-4	Aroclor-1268	2100	UD	400	400	2100	ug/kg
11096-82-5	Aroclor-1260	11000	D	400	400	2100	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17			
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17			
Client Sample ID:	LB-41-11.3-15	SDG No.:	I4855			
Lab Sample ID:	I4855-08	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	17.7	Decanted:		
Sample Wt/Vol:	30	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036945.D	1	08/18/17 08:44	08/23/17 14:55	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	20.7	U	4	4	20.7	ug/kg
11104-28-2	Aroclor-1221	20.7	U	4	4	20.7	ug/kg
11141-16-5	Aroclor-1232	20.7	U	4	4	20.7	ug/kg
53469-21-9	Aroclor-1242	20.7	U	4	4	20.7	ug/kg
12672-29-6	Aroclor-1248	20.7	U	4	4	20.7	ug/kg
11097-69-1	Aroclor-1254	19000	E	1.8	4	20.7	ug/kg
37324-23-5	Aroclor-1262	20.7	U	4	4	20.7	ug/kg
11100-14-4	Aroclor-1268	20.7	U	4	4	20.7	ug/kg
11096-82-5	Aroclor-1260	20.7	U	4	4	20.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	13.1		10 - 166		65%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.2	*	60 - 125		61%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-41-11.3-15DL	SDG No.:	I4855
Lab Sample ID:	I4855-08DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17.7
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036946.D	100	08/18/17 08:44	08/23/17 15:10	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	2100	UD	400	400	2100	ug/kg
11104-28-2	Aroclor-1221	2100	UD	400	400	2100	ug/kg
11141-16-5	Aroclor-1232	2100	UD	400	400	2100	ug/kg
53469-21-9	Aroclor-1242	2100	UD	400	400	2100	ug/kg
12672-29-6	Aroclor-1248	2100	UD	400	400	2100	ug/kg
11097-69-1	Aroclor-1254	33000	D	180	400	2100	ug/kg
37324-23-5	Aroclor-1262	2100	UD	400	400	2100	ug/kg
11100-14-4	Aroclor-1268	2100	UD	400	400	2100	ug/kg
11096-82-5	Aroclor-1260	10000	D	400	400	2100	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-42-0-4	SDG No.:	I4855
Lab Sample ID:	I4855-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17.2 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036949.D	1	08/18/17 08:44	08/23/17 16:04	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	20.5	U	4	4	20.5	ug/kg
11104-28-2	Aroclor-1221	20.5	U	4	4	20.5	ug/kg
11141-16-5	Aroclor-1232	20.5	U	4	4	20.5	ug/kg
53469-21-9	Aroclor-1242	20.5	U	4	4	20.5	ug/kg
12672-29-6	Aroclor-1248	20.5	U	4	4	20.5	ug/kg
11097-69-1	Aroclor-1254	1900	E	1.8	4	20.5	ug/kg
37324-23-5	Aroclor-1262	20.5	U	4	4	20.5	ug/kg
11100-14-4	Aroclor-1268	20.5	U	4	4	20.5	ug/kg
11096-82-5	Aroclor-1260	20.5	U	4	4	20.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.1		10 - 166		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.7		60 - 125		73%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-42-0-4DL	SDG No.:	I4855
Lab Sample ID:	I4855-09DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	17.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	10000
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036950.D	5	08/18/17 08:44	08/23/17 16:20	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	100	UD	20.1	20.1	100	ug/kg
11104-28-2	Aroclor-1221	100	UD	20.1	20.1	100	ug/kg
11141-16-5	Aroclor-1232	100	UD	20.1	20.1	100	ug/kg
53469-21-9	Aroclor-1242	100	UD	20.1	20.1	100	ug/kg
12672-29-6	Aroclor-1248	100	UD	20.1	20.1	100	ug/kg
11097-69-1	Aroclor-1254	2000	D	9	20.1	100	ug/kg
37324-23-5	Aroclor-1262	100	UD	20.1	20.1	100	ug/kg
11100-14-4	Aroclor-1268	100	UD	20.1	20.1	100	ug/kg
11096-82-5	Aroclor-1260	100	UD	20.1	20.1	100	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.1		10 - 166		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		60 - 125		84%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-42-4-10	SDG No.:	I4855
Lab Sample ID:	I4855-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	24.7 Decanted:
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036951.D	1	08/18/17 08:44	08/23/17 16:35	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	22.6	U	4.4	4.4	22.6	ug/kg
11104-28-2	Aroclor-1221	22.6	U	4.4	4.4	22.6	ug/kg
11141-16-5	Aroclor-1232	22.6	U	4.4	4.4	22.6	ug/kg
53469-21-9	Aroclor-1242	22.6	U	4.4	4.4	22.6	ug/kg
12672-29-6	Aroclor-1248	22.6	U	4.4	4.4	22.6	ug/kg
11097-69-1	Aroclor-1254	12000	EP	2	4.4	22.6	ug/kg
37324-23-5	Aroclor-1262	22.6	U	4.4	4.4	22.6	ug/kg
11100-14-4	Aroclor-1268	22.6	U	4.4	4.4	22.6	ug/kg
11096-82-5	Aroclor-1260	22.6	U	4.4	4.4	22.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.7		10 - 166		74%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.5	*	60 - 125		58%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-42-4-10DL	SDG No.:	I4855
Lab Sample ID:	I4855-10DL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	24.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	10000
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036952.D	50	08/18/17 08:44	08/23/17 16:51	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	1100	UD	220	220	1100	ug/kg
11104-28-2	Aroclor-1221	1100	UD	220	220	1100	ug/kg
11141-16-5	Aroclor-1232	1100	UD	220	220	1100	ug/kg
53469-21-9	Aroclor-1242	1100	UD	220	220	1100	ug/kg
12672-29-6	Aroclor-1248	1100	UD	220	220	1100	ug/kg
11097-69-1	Aroclor-1254	17000	D	98.9	220	1100	ug/kg
37324-23-5	Aroclor-1262	1100	UD	220	220	1100	ug/kg
11100-14-4	Aroclor-1268	1100	UD	220	220	1100	ug/kg
11096-82-5	Aroclor-1260	6100	D	220	220	1100	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17			
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17			
Client Sample ID:	LB-43-0-4DL	SDG No.:	I4855			
Lab Sample ID:	I4855-11DL	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	14.9	Decanted:		
Sample Wt/Vol:	30.15	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO036954.D	5	08/18/17 08:44	08/23/17 17:23	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	99.4	UD	19.5	19.5	99.4	ug/kg
11104-28-2	Aroclor-1221	99.4	UD	19.5	19.5	99.4	ug/kg
11141-16-5	Aroclor-1232	99.4	UD	19.5	19.5	99.4	ug/kg
53469-21-9	Aroclor-1242	99.4	UD	19.5	19.5	99.4	ug/kg
12672-29-6	Aroclor-1248	99.4	UD	19.5	19.5	99.4	ug/kg
11097-69-1	Aroclor-1254	1200	D	8.7	19.5	99.4	ug/kg
37324-23-5	Aroclor-1262	99.4	UD	19.5	19.5	99.4	ug/kg
11100-14-4	Aroclor-1268	99.4	UD	19.5	19.5	99.4	ug/kg
11096-82-5	Aroclor-1260	99.4	UD	19.5	19.5	99.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.2		10 - 166		101%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		60 - 125		89%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17			
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17			
Client Sample ID:	LB-44-0-4	SDG No.:	I4855			
Lab Sample ID:	I4855-15	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	19.6	Decanted:		
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO037006.D	100	08/18/17 08:44	08/24/17 13:05	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	2100	U	410	410	2100	ug/kg
11104-28-2	Aroclor-1221	2100	U	410	410	2100	ug/kg
11141-16-5	Aroclor-1232	2100	U	410	410	2100	ug/kg
53469-21-9	Aroclor-1242	2100	U	410	410	2100	ug/kg
12672-29-6	Aroclor-1248	2100	U	410	410	2100	ug/kg
11097-69-1	Aroclor-1254	22000		180	410	2100	ug/kg
37324-23-5	Aroclor-1262	2100	U	410	410	2100	ug/kg
11100-14-4	Aroclor-1268	2100	U	410	410	2100	ug/kg
11096-82-5	Aroclor-1260	2100	U	410	410	2100	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17			
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17			
Client Sample ID:	LB-44-4-10	SDG No.:	I4855			
Lab Sample ID:	I4855-16	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	17.3	Decanted:		
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO037002.D	20	08/18/17 08:44	08/24/17 12:02	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	410	U	80.4	80.4	410	ug/kg
11104-28-2	Aroclor-1221	410	U	80.4	80.4	410	ug/kg
11141-16-5	Aroclor-1232	410	U	80.4	80.4	410	ug/kg
53469-21-9	Aroclor-1242	410	U	80.4	80.4	410	ug/kg
12672-29-6	Aroclor-1248	410	U	80.4	80.4	410	ug/kg
11097-69-1	Aroclor-1254	6100		36	80.4	410	ug/kg
37324-23-5	Aroclor-1262	410	U	80.4	80.4	410	ug/kg
11100-14-4	Aroclor-1268	410	U	80.4	80.4	410	ug/kg
11096-82-5	Aroclor-1260	410	U	80.4	80.4	410	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	37		10 - 166		185%	SPK: 20
2051-24-3	Decachlorobiphenyl	37.8	*	60 - 125		189%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17
Client Sample ID:	LB-45-0-4	SDG No.:	I4855
Lab Sample ID:	I4855-17	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	13
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	10000
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO037003.D	100	08/18/17 08:44	08/24/17 12:17	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	1900	U	380	380	1900	ug/kg
11104-28-2	Aroclor-1221	1900	U	380	380	1900	ug/kg
11141-16-5	Aroclor-1232	1900	U	380	380	1900	ug/kg
53469-21-9	Aroclor-1242	1900	U	380	380	1900	ug/kg
12672-29-6	Aroclor-1248	1900	U	380	380	1900	ug/kg
11097-69-1	Aroclor-1254	23000		170	380	1900	ug/kg
37324-23-5	Aroclor-1262	1900	U	380	380	1900	ug/kg
11100-14-4	Aroclor-1268	1900	U	380	380	1900	ug/kg
11096-82-5	Aroclor-1260	1900	U	380	380	1900	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	08/15/17			
Project:	BUDC Northland Corridor Project	Date Received:	08/17/17			
Client Sample ID:	LB-45-4-10	SDG No.:	I4855			
Lab Sample ID:	I4855-18	Matrix:	SOIL			
Analytical Method:	SW8082A	% Moisture:	14.4	Decanted:		
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB	
Extraction Type:				Injection Volume		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO037004.D	100	08/18/17 08:44	08/24/17 12:33	PB101657

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	2000	U	390	390	2000	ug/kg
11104-28-2	Aroclor-1221	2000	U	390	390	2000	ug/kg
11141-16-5	Aroclor-1232	2000	U	390	390	2000	ug/kg
53469-21-9	Aroclor-1242	2000	U	390	390	2000	ug/kg
12672-29-6	Aroclor-1248	2000	U	390	390	2000	ug/kg
11097-69-1	Aroclor-1254	38000		170	390	2000	ug/kg
37324-23-5	Aroclor-1262	2000	U	390	390	2000	ug/kg
11100-14-4	Aroclor-1268	2000	U	390	390	2000	ug/kg
11096-82-5	Aroclor-1260	2000	U	390	390	2000	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0	*	10 - 166		0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	60 - 125		0%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



APPENDIX E
DATA USABILITY SUMMARY REPORTS

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
Con-test Analytical Laboratory SDG#17B0503
May 7, 2017
Reissued; May 26, 2017
Sampling date: 2/9, 10/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
SDG# 17B0503

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers (reissued May 26, 2017), project located at 683 Northland Ave., Project #20170105, Con-test Analytical Laboratory, SDG#17B0503, submitted to Vali-Data of WNY, LLC on April 25, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C-D), Mercury (7471B) and in accordance with wet chemistry methods.

Results were recorded to the reporting limits, as confirmed by LiRo Engineers .

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Holding Times, Internal Standard, Surrogate Spike Recoveries, Laboratory Control Samples, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met except the pH of Trip Blank was outside QC limits. Detected target analytes in this sample should be qualified as estimated low and undetected target analytes should be qualified as unusable.

INTERNAL STANDARD (IS)

All criteria were met except the area of 1,4-Dichlorobenzene-d₄ was outside QC limits, low in LB-28-10.5-11 and LB-28-10.5-11RE1. Associated target analytes detected in these samples should be qualified as estimated high. Associated target analytes not detected in these samples should be qualified as estimated.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of Bromofluorobenzene was outside QC limits, high in LB-14-3.5-4, LB-07-4.5-5 and LB-12-1-1.5. Associated, detected target analytes in these samples should be qualified as estimated.

The %Rec of Bromofluorobenzene in LB-28-10.5-11RE1 was outside laboratory QC limits but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Bromochloromethane and Methyl Acetate was outside QC limits, high in B170319-BS1/BSD1. The %Rec of Methyl Acetate was outside QC limits, high in B170370-BS1/BSD1. The %Rec of 1,2,3-Trichlorobenzene was outside QC limits, high in B170743-BS1/BSD1. These target analytes should be qualified as estimated in the associated samples, if detected.

The %Rec of Chloromethane, 2-Hexanone and Methyl Acetate was outside QC limits, low in B170239-BS1/BSD1. The %Rec of Chloromethane was outside QC limits, low in B170812-BS1/BSD1. These target analytes should be qualified as estimated in the associated samples. The %RPD of Bromomethane was outside QC limits between B170743-BS1 and B170743-BSD1 and should be qualified as estimated in the associated samples.

The %Rec of several target analytes was outside QC limits in the laboratory control sample or the duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of 1,4-Dioxane was outside ASP outer limit in the initial calibration performed on instruments GCMSVOA1, GCMSVOA2 and GCMSVOA5. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

The RRF of Trichloroethene was outside QC limits in the initial calibration performed on instrument GCMSVOA5. ASP allows for up to two target analytes to be outside QC limits without further action.

Alternate forms of regression were performed on all target analytes whose %RSD >15%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of tert-Butyl alcohol and the RRF of 1,4-Dioxane were outside outer ASP QC limits in S013701-CCV1 and S013702-CCV1, and should be qualified as estimated in the associated blanks, spikes and samples. The %D of Chloromethane was outside outer ASP QC limits in S013335-CCV1 and S013338-CCV1, and should be qualified as estimated in the associated blanks, spikes and samples. The RRF of 1,4-Dioxane were outside outer ASP QC limits in S013335-CCV1, S013338-CCV1 and S013631-CCV1 and should be qualified as estimated in the associated blanks, spikes and samples

The %D of 1,2,3-Trichlorobenzene and 1,3,5-Trichlorobenzene was outside QC limits in S013631-CCV1. ASP allows for up to two target analytes to be outside QC limits without further action.

The %D of some target analytes was outside laboratory QC limits but was within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries

683 Northland Ave.

SDG# 17B0503

- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Narrative and Data Reporting Forms, Surrogate Spike Recoveries, Laboratory Control Samples, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except the %RPD between LB-12-Comp 2-4-9MS and LB-12-Comp 2-4-9MSD for several target analytes was not recorded. Those target analytes should be qualified as estimated in LB-12-Comp 2-4-9MS, LB-12-Comp 2-4-9MSD and LB-12-Comp 2-4-9. Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4,6-Tribromophenol was outside QC limits, low in LB-15-Comp 1-0-4, LB-14-Comp 2-4-10.5, LB-15-Comp 2-4-8.5, LB-18-Comp 1-0-4, LB-27-Comp 1-0-4, LB-08-Comp 1-0-4, LB-09-Comp 1-0-4, LB-09-Comp 2-4-10.7, LB-12-Comp 2-4-9, LB-12-Comp 2-4-9MS1/MSD1, LB-07-Comp 1-0-4 and LB-29-Comp 1-0-4. The %Rec of Nitrobenzene-d₅ was outside QC limits, low in LB-13-Comp 3-10-15. The %Rec of 2-Fluorophenol was outside QC limits, low in LB-15-Comp 1-0-4. Associated, detected target analytes in this sample should be qualified as estimated low. Associated, undetected target analytes in this sample should be qualified as estimated.

The %Rec of several surrogates was outside laboratory QC limits but within ASP limits, so no further action is required.

The %Rec of several surrogates was outside QC limits due to dilution, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Benzoic acid was outside QC limits, low in B170411-BS1/BSD1. The %RPD between B1710411-BS1 and B170411-BSD1 was outside QC limits for Benzidine and 4-Chloroaniline. These target analytes should be qualified as estimated in the associated samples.

The %Rec of Benzidine was outside QC limits, low in B170675-BSD1 but within limits in B170675-BS1, so no further action is required.

MS/MSD

All criteria were met except Benzoic acid, 4,6-Dinitro-2-methylphenol, 2,4-Dinitrophenol, Hexachlorocyclopentadiene, 2-Nitrophenol, Pentachlorophenol, Phenanthrene, 2,4,5-Trichlorophenol and 2,4,6-Trichlorophenol was outside QC limits, low in LB-12-Comp 2-4-9MS1/MSD1. These target analytes should be qualified as estimated in LB-12-Comp 2-4-9MS1/MSD1 and LB-12-Comp 2-4-9.

Several target analytes were outside QC limits in LB-12-Comp 2-4-9MSD1 but were within limits in LB-12-Comp 2-4-9MS1, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Benzidine was outside ASP outer QC limits in all continuing calibrations. This target analytes should be qualified as estimated in the associated blanks, spikes and samples.

The %D of 3/4-Methylphenol and N-Nitrosodi-n-propylamine was outside QC limits in S013731-CCV1. The %D of Benzo(g,h,i)perylene and Dibenz(a,h)anthracene was outside QC limits in S013590-CCV1. The %D of Pentachlorophenol was outside QC limits in S013591-CCV1. The %D

of Hexachlorobenzene was outside QC limits in S013595-CCV1. ASP allows for up to four target analytes to be outside QC limits without further action.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of all surrogates was outside QC limits due to dilution in LB-02-Comp 2-4-9.2. No further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in MS/MSD, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except several surrogates were outside QC limits due to dilution. No further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Aroclor 1260 was outside QC limits, high in LB-12-Comp 2-4-9MS1/MSD1 off column 1 and should be qualified as estimated. The %Rec of Aroclor 1016 was outside QC limits, high in LB-12-Comp 2-4-9MS1/MSD1 off column 2 and should be qualified as estimated. Results recorded from these columns should be qualified as estimated in LB-12-Comp 2-4-9, if detected.

The %Rec of Aroclor 1260 was outside QC limits, high in LB-12-Comp 2-4-9MSD1 off column 2 and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1254 in sample; LB-28-Comp1-0-4. The RPD between the columns was outside QC limits for Aroclor 1016 in samples; LB-12-Comp 2-4-9MS1/MSD1. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on some of the target analytes in the initial calibration performed on instrument ECD10 with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 and TCMX was outside QC limits in S013470-CCV9 off column 1. The %D of Aroclor 1260 was outside QC limits in S013470-CCVE and S013470-CCVF off column 1. The %D of DCBP was outside QC limits in S013555-CCVB, CCVC off column 1. The %D of Aroclor 1260 and Aroclor 1016 was outside QC limits in S013558-CCV1 off column 2. These target analytes should be qualified as estimated in the associated samples, blanks and spikes off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, Laboratory Control Samples, MS/MSD/Duplicate and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Cd was detected in B170657-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Pb was detected in B170760-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met except the %Rec of Sb was outside ASP QC limits, high in B170631-BS1/BSD1. This target analyte should be qualified as estimated high in the associated laboratory control samples and the associated samples, if detected.

MS/MSD/DUPLICATE

All criteria were met except the %RPD of Hg was outside QC limits between LB-12-Comp 2-4-9 and LB-12-Comp 2-4-9DUP1. This target analyte should be qualified as estimated in LB-12-Comp 2-4-9.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Pb and Se was outside ASP QC limits, high, in S013864-LCV1. The %Rec of Ag was outside ASP QC limits, high in S013867-LCV1. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of As was outside ASP QC limits, low, in S013864-LCV1. The %Rec of As, Cr, Co, Cu, Pb, Ag, V and Zn was outside ASP QC limits, low in S013866-LCV1. The %Rec of Co and Tl was outside ASP QC limits, low in S013867-LCV1. The %Rec of Ca was outside ASP QC limits, low in S013869-LCV1. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids
- Cyanide

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

%SOLIDS

All criteria were met.

CYANIDE

All criteria were met.

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-COMP 1-0-4	17B0503-01	Arsenic	18		J	Y	0.42	3	4
LB-14-COMP 1-0-4	17B0503-01	Barium	250			Y	0.17	3	4
LB-14-COMP 1-0-4	17B0503-01	Cadmium	3.1		JH	Y	0.16	0.3	4
LB-14-COMP 1-0-4	17B0503-01	Chromium, Total	330			Y	0.39	0.6	4
LB-14-COMP 1-0-4	17B0503-01	Lead	420		JH	Y	0.25	0.9	4
LB-14-COMP 1-0-4	17B0503-01	Selenium	5.4	J	JH	Y	1.3	1.3	4
LB-14-COMP 1-0-4	17B0503-01	Silver	1.3			Y	0.48	0.6	4
LB-15-COMP 1-0-4	17B0503-02	Aluminum	6500			Y	2.6	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Antimony	56		JH	Y	1.7	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Arsenic		U	UJ	Y	0.36	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Barium	240			Y	0.15	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Beryllium	2.3			Y	0.19	0.26	4
LB-15-COMP 1-0-4	17B0503-02	Cadmium	3.1			Y	0.14	0.26	4
LB-15-COMP 1-0-4	17B0503-02	Calcium	150000	D	J	Y	50	79	4
LB-15-COMP 1-0-4	17B0503-02	Chromium, Total	1300		J	Y	0.34	0.53	4
LB-15-COMP 1-0-4	17B0503-02	Cobalt	5.2		J	Y	0.32	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Copper	110		J	Y	0.26	0.53	4
LB-15-COMP 1-0-4	17B0503-02	Iron	110000	D		Y	120	130	4
LB-15-COMP 1-0-4	17B0503-02	Lead	340		J	Y	0.22	0.79	4
LB-15-COMP 1-0-4	17B0503-02	Magnesium	48000	D		Y	52	160	4
LB-15-COMP 1-0-4	17B0503-02	Manganese	29000	D		Y	3.7	5.3	4
LB-15-COMP 1-0-4	17B0503-02	Nickel	23			Y	0.21	0.53	4
LB-15-COMP 1-0-4	17B0503-02	Potassium	470			Y	64	110	4
LB-15-COMP 1-0-4	17B0503-02	Selenium		U		Y	1.2	1.2	4
LB-15-COMP 1-0-4	17B0503-02	Silver		U	UJ	Y	0.42	0.53	4
LB-15-COMP 1-0-4	17B0503-02	Sodium	450			Y	59	110	4
LB-15-COMP 1-0-4	17B0503-02	Thallium		U		Y	1	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Vanadium	440		J	Y	0.37	1.1	4
LB-15-COMP 1-0-4	17B0503-02	Zinc	890		J	Y	0.81	1.1	4
LB-14-COMP 2-4-10.5	17B0503-03	Arsenic	7		J	Y	0.41	3	4
LB-14-COMP 2-4-10.5	17B0503-03	Barium	360			Y	0.17	3	4
LB-14-COMP 2-4-10.5	17B0503-03	Cadmium	2.6		JH	Y	0.16	0.3	4
LB-14-COMP 2-4-10.5	17B0503-03	Chromium, Total	82			Y	0.39	0.6	4
LB-14-COMP 2-4-10.5	17B0503-03	Lead	660		JH	Y	0.25	0.9	4
LB-14-COMP 2-4-10.5	17B0503-03	Selenium	5.4	J	JH	Y	1.3	1.3	4
LB-14-COMP 2-4-10.5	17B0503-03	Silver		U		Y	0.48	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Aluminum	13000			Y	2.9	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Antimony	19		JH	Y	1.9	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Arsenic	10		J	Y	0.41	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Barium	210			Y	0.17	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Beryllium	1.2			Y	0.22	0.3	4
LB-15-COMP 2-4-8.5	17B0503-04	Cadmium	0.44			Y	0.16	0.3	4
LB-15-COMP 2-4-8.5	17B0503-04	Calcium	83000	D	J	Y	28	45	4
LB-15-COMP 2-4-8.5	17B0503-04	Chromium, Total	430		J	Y	0.39	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Cobalt	11		J	Y	0.36	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Copper	62		J	Y	0.3	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Iron	51000	D		Y	28	30	4
LB-15-COMP 2-4-8.5	17B0503-04	Lead	92		J	Y	0.25	0.9	4
LB-15-COMP 2-4-8.5	17B0503-04	Magnesium	22000	D		Y	15	45	4
LB-15-COMP 2-4-8.5	17B0503-04	Manganese	5300			Y	0.43	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Nickel	94			Y	0.23	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Potassium	1900			Y	73	120	4
LB-15-COMP 2-4-8.5	17B0503-04	Selenium	4.6	J		Y	1.3	1.3	4
LB-15-COMP 2-4-8.5	17B0503-04	Silver	1.4		J	Y	0.48	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Sodium	250			Y	68	120	4
LB-15-COMP 2-4-8.5	17B0503-04	Thallium		U		Y	1.2	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Vanadium	100		J	Y	0.43	1.2	4
LB-15-COMP 2-4-8.5	17B0503-04	Zinc	240		J	Y	0.92	1.2	4
LB-18-COMP 1-0-4	17B0503-05	Aluminum	5000			Y	2.6	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Antimony		U		Y	1.7	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Arsenic	7.8		J	Y	0.37	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Barium	20			Y	0.16	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Beryllium	0.38			Y	0.2	0.27	4
LB-18-COMP 1-0-4	17B0503-05	Cadmium	0.38			Y	0.14	0.27	4
LB-18-COMP 1-0-4	17B0503-05	Calcium	40000	D	J	Y	10	16	4
LB-18-COMP 1-0-4	17B0503-05	Chromium, Total	11		J	Y	0.35	0.54	4
LB-18-COMP 1-0-4	17B0503-05	Cobalt	6		J	Y	0.32	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Copper	26		J	Y	0.27	0.54	4

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LB-18-COMP 1-0-4	17B0503-05	Iron	16000	D		Y	13	13	4
LB-18-COMP 1-0-4	17B0503-05	Lead	12		J	Y	0.22	0.8	4
LB-18-COMP 1-0-4	17B0503-05	Magnesium	3900			Y	2.7	8	4
LB-18-COMP 1-0-4	17B0503-05	Manganese	340			Y	0.38	0.54	4
LB-18-COMP 1-0-4	17B0503-05	Nickel	20			Y	0.21	0.54	4
LB-18-COMP 1-0-4	17B0503-05	Potassium	750			Y	66	110	4
LB-18-COMP 1-0-4	17B0503-05	Selenium		U		Y	1.2	1.2	4
LB-18-COMP 1-0-4	17B0503-05	Silver	0.79		J	Y	0.43	0.54	4
LB-18-COMP 1-0-4	17B0503-05	Sodium		U		Y	61	110	4
LB-18-COMP 1-0-4	17B0503-05	Thallium		U		Y	1.1	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Vanadium	11		J	Y	0.38	1.1	4
LB-18-COMP 1-0-4	17B0503-05	Zinc	62		J	Y	0.82	1.1	4
LB-26-COMP 1-0-4	17B0503-06	Arsenic		U	UJ	Y	0.4	2.9	4
LB-26-COMP 1-0-4	17B0503-06	Barium	140			Y	0.17	2.9	4
LB-26-COMP 1-0-4	17B0503-06	Cadmium	1.5		JH	Y	0.16	0.29	4
LB-26-COMP 1-0-4	17B0503-06	Chromium, Total	190			Y	0.37	0.58	4
LB-26-COMP 1-0-4	17B0503-06	Lead	190		JH	Y	0.24	0.86	4
LB-26-COMP 1-0-4	17B0503-06	Selenium		U		Y	1.3	1.3	4
LB-26-COMP 1-0-4	17B0503-06	Silver		U		Y	0.46	0.58	4
LB-26-COMP 2-4-7.8	17B0503-07	Arsenic		U	UJ	Y	0.41	3	4
LB-26-COMP 2-4-7.8	17B0503-07	Barium	150			Y	0.17	3	4
LB-26-COMP 2-4-7.8	17B0503-07	Cadmium	1.2		JH	Y	0.16	0.3	4
LB-26-COMP 2-4-7.8	17B0503-07	Chromium, Total	110			Y	0.39	0.6	4
LB-26-COMP 2-4-7.8	17B0503-07	Lead	82		JH	Y	0.25	0.9	4
LB-26-COMP 2-4-7.8	17B0503-07	Selenium	3	J	JH	Y	1.3	1.3	4
LB-26-COMP 2-4-7.8	17B0503-07	Silver		U		Y	0.48	0.6	4
LB-27-COMP 1-0-4	17B0503-08	Arsenic	3.4		J	Y	0.42	3	4
LB-27-COMP 1-0-4	17B0503-08	Barium	1800			Y	0.18	3	4
LB-27-COMP 1-0-4	17B0503-08	Cadmium	6.6		JH	Y	0.16	0.3	4
LB-27-COMP 1-0-4	17B0503-08	Chromium, Total	650			Y	0.39	0.61	4
LB-27-COMP 1-0-4	17B0503-08	Lead	680		JH	Y	0.25	0.91	4
LB-27-COMP 1-0-4	17B0503-08	Selenium	3.9	J	JH	Y	1.4	1.4	4
LB-27-COMP 1-0-4	17B0503-08	Silver	1.9			Y	0.49	0.61	4
LB-27-COMP 2-4-10.3	17B0503-09	Arsenic	4.2		J	Y	0.41	2.9	4
LB-27-COMP 2-4-10.3	17B0503-09	Barium	660			Y	0.17	2.9	4
LB-27-COMP 2-4-10.3	17B0503-09	Cadmium	2.2		JH	Y	0.16	0.29	4
LB-27-COMP 2-4-10.3	17B0503-09	Chromium, Total	260			Y	0.38	0.59	4
LB-27-COMP 2-4-10.3	17B0503-09	Lead	280		JH	Y	0.25	0.88	4
LB-27-COMP 2-4-10.3	17B0503-09	Selenium	4.3	J	JH	Y	1.3	1.3	4
LB-27-COMP 2-4-10.3	17B0503-09	Silver	0.65			Y	0.47	0.59	4
LB-28-COMP 1-0-4	17B0503-10	Arsenic	7.8		J	Y	0.43	3.1	4
LB-28-COMP 1-0-4	17B0503-10	Barium	400			Y	0.18	3.1	4
LB-28-COMP 1-0-4	17B0503-10	Cadmium	5.4			Y	0.17	0.31	4
LB-28-COMP 1-0-4	17B0503-10	Chromium, Total	680			Y	0.41	0.63	4
LB-28-COMP 1-0-4	17B0503-10	Lead	280		JH	Y	0.26	0.94	4
LB-28-COMP 1-0-4	17B0503-10	Selenium		U		Y	1.4	1.4	4
LB-28-COMP 1-0-4	17B0503-10	Silver	12			Y	0.5	0.63	4
LB-08-COMP 1-0-4	17B0503-11	Arsenic	24		J	Y	0.42	3	4
LB-08-COMP 1-0-4	17B0503-11	Barium	270			Y	0.18	3	4
LB-08-COMP 1-0-4	17B0503-11	Cadmium	1.6			Y	0.16	0.3	4
LB-08-COMP 1-0-4	17B0503-11	Chromium, Total	170			Y	0.39	0.61	4
LB-08-COMP 1-0-4	17B0503-11	Lead	180		JH	Y	0.25	0.91	4
LB-08-COMP 1-0-4	17B0503-11	Selenium	4.6	J	JH	Y	1.4	1.4	4
LB-08-COMP 1-0-4	17B0503-11	Silver		U		Y	0.49	0.61	4
LB-08-COMP 2-4-10.2	17B0503-12	Aluminum	6900			Y	2.9	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Antimony	100		JH	Y	1.9	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Arsenic	16		J	Y	0.4	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Barium	370			Y	0.17	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Beryllium	0.51			Y	0.22	0.29	4
LB-08-COMP 2-4-10.2	17B0503-12	Cadmium	0.31			Y	0.16	0.29	4
LB-08-COMP 2-4-10.2	17B0503-12	Calcium	15000		J	Y	5.5	8.8	4
LB-08-COMP 2-4-10.2	17B0503-12	Chromium, Total	60		J	Y	0.38	0.59	4
LB-08-COMP 2-4-10.2	17B0503-12	Cobalt	9.5		J	Y	0.35	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Copper	260		J	Y	0.29	0.59	4
LB-08-COMP 2-4-10.2	17B0503-12	Iron	71000	D		Y	55	59	4
LB-08-COMP 2-4-10.2	17B0503-12	Lead	970		J	Y	0.25	0.88	4
LB-08-COMP 2-4-10.2	17B0503-12	Magnesium	4500			Y	2.9	8.8	4
LB-08-COMP 2-4-10.2	17B0503-12	Manganese	670			Y	0.42	0.59	4

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LB-08-COMP 2-4-10.2	17B0503-12	Nickel	48			Y	0.23	0.59	4
LB-08-COMP 2-4-10.2	17B0503-12	Potassium	950			Y	72	120	4
LB-08-COMP 2-4-10.2	17B0503-12	Selenium		U		Y	1.3	1.3	4
LB-08-COMP 2-4-10.2	17B0503-12	Silver	2.4		J	Y	0.47	0.59	4
LB-08-COMP 2-4-10.2	17B0503-12	Sodium		U		Y	66	120	4
LB-08-COMP 2-4-10.2	17B0503-12	Thallium		U		Y	1.2	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Vanadium	21		J	Y	0.42	1.2	4
LB-08-COMP 2-4-10.2	17B0503-12	Zinc	200		J	Y	0.9	1.2	4
LB-09-COMP 1-0-4	17B0503-13	Arsenic	8.1		J	Y	0.44	3.2	4
LB-09-COMP 1-0-4	17B0503-13	Barium	89			Y	0.18	3.2	4
LB-09-COMP 1-0-4	17B0503-13	Cadmium	1.7			Y	0.17	0.32	4
LB-09-COMP 1-0-4	17B0503-13	Chromium, Total	310			Y	0.41	0.63	4
LB-09-COMP 1-0-4	17B0503-13	Lead	170		JH	Y	0.27	0.95	4
LB-09-COMP 1-0-4	17B0503-13	Selenium		U		Y	1.4	1.4	4
LB-09-COMP 1-0-4	17B0503-13	Silver		U		Y	0.51	0.63	4
LB-09-COMP 2-4-10.7	17B0503-14	Arsenic	4.1		J	Y	0.43	3.1	4
LB-09-COMP 2-4-10.7	17B0503-14	Barium	2200			Y	0.18	3.1	4
LB-09-COMP 2-4-10.7	17B0503-14	Cadmium	2.4			Y	0.17	0.31	4
LB-09-COMP 2-4-10.7	17B0503-14	Chromium, Total	80			Y	0.41	0.63	4
LB-09-COMP 2-4-10.7	17B0503-14	Lead	380		JH	Y	0.26	0.94	4
LB-09-COMP 2-4-10.7	17B0503-14	Selenium	4.7	J	JH	Y	1.4	1.4	4
LB-09-COMP 2-4-10.7	17B0503-14	Silver	0.99			Y	0.5	0.63	4
LB-11-COMP 2-4-9	17B0503-15	Arsenic		U	UJ	Y	0.4	2.9	4
LB-11-COMP 2-4-9	17B0503-15	Barium	1500			Y	0.17	2.9	4
LB-11-COMP 2-4-9	17B0503-15	Cadmium	3			Y	0.16	0.29	4
LB-11-COMP 2-4-9	17B0503-15	Chromium, Total	220			Y	0.38	0.58	4
LB-11-COMP 2-4-9	17B0503-15	Lead	590		JH	Y	0.25	0.88	4
LB-11-COMP 2-4-9	17B0503-15	Selenium	3.3	J	JH	Y	1.3	1.3	4
LB-11-COMP 2-4-9	17B0503-15	Silver	1.3			Y	0.47	0.58	4
LB-11-COMP 1-0-4	17B0503-16	Aluminum	11000			Y	3	3	4
LB-11-COMP 1-0-4	17B0503-16	Antimony	67		JH	Y	1.9	3	4
LB-11-COMP 1-0-4	17B0503-16	Arsenic	25		J	Y	0.42	3	4
LB-11-COMP 1-0-4	17B0503-16	Barium	170			Y	0.17	3	4
LB-11-COMP 1-0-4	17B0503-16	Beryllium	1.1			Y	0.22	0.3	4
LB-11-COMP 1-0-4	17B0503-16	Cadmium	0.42			Y	0.16	0.3	4
LB-11-COMP 1-0-4	17B0503-16	Calcium	50000	D	J	Y	11	18	4
LB-11-COMP 1-0-4	17B0503-16	Chromium, Total	670		J	Y	0.39	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Cobalt	14		J	Y	0.36	3	4
LB-11-COMP 1-0-4	17B0503-16	Copper	79		J	Y	0.3	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Iron	54000	D		Y	28	30	4
LB-11-COMP 1-0-4	17B0503-16	Lead	690		J	Y	0.25	0.91	4
LB-11-COMP 1-0-4	17B0503-16	Magnesium	13000	D		Y	15	45	4
LB-11-COMP 1-0-4	17B0503-16	Manganese	930			Y	0.43	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Nickel	140			Y	0.24	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Potassium	2100			Y	74	120	4
LB-11-COMP 1-0-4	17B0503-16	Selenium		U		Y	1.4	1.4	4
LB-11-COMP 1-0-4	17B0503-16	Silver	1.7		J	Y	0.48	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Sodium	200			Y	68	120	4
LB-11-COMP 1-0-4	17B0503-16	Thallium		U		Y	1.2	3	4
LB-11-COMP 1-0-4	17B0503-16	Vanadium	45		J	Y	0.43	1.2	4
LB-11-COMP 1-0-4	17B0503-16	Zinc	140		J	Y	0.92	1.2	4
LB-12-COMP 1-0-4	17B0503-17	Arsenic	5.4		J	Y	0.43	3.1	4
LB-12-COMP 1-0-4	17B0503-17	Barium	240			Y	0.18	3.1	4
LB-12-COMP 1-0-4	17B0503-17	Cadmium	3.9			Y	0.17	0.31	4
LB-12-COMP 1-0-4	17B0503-17	Chromium, Total	250			Y	0.4	0.62	4
LB-12-COMP 1-0-4	17B0503-17	Lead	140		JH	Y	0.26	0.93	4
LB-12-COMP 1-0-4	17B0503-17	Selenium	2.6	J	JH	Y	1.4	1.4	4
LB-12-COMP 1-0-4	17B0503-17	Silver	9.3			Y	0.49	0.62	4
LB-12-COMP 2-4-9	17B0503-18	Arsenic	3.3		J	Y	0.43	3.1	4
LB-12-COMP 2-4-9	17B0503-18	Barium	270			Y	0.18	3.1	4
LB-12-COMP 2-4-9	17B0503-18	Cadmium	3.2			Y	0.17	0.31	4
LB-12-COMP 2-4-9	17B0503-18	Chromium, Total	170			Y	0.41	0.63	4
LB-12-COMP 2-4-9	17B0503-18	Lead	570		JH	Y	0.26	0.94	4
LB-12-COMP 2-4-9	17B0503-18	Selenium	4.3	J	JH	Y	1.4	1.4	4
LB-12-COMP 2-4-9	17B0503-18	Silver		U		Y	0.5	0.63	4
LB-13-COMP 1-0-4	17B0503-19	Arsenic	5.8		J	Y	0.41	3	4
LB-13-COMP 1-0-4	17B0503-19	Barium	430			Y	0.17	3	4
LB-13-COMP 1-0-4	17B0503-19	Cadmium	1.7			Y	0.16	0.3	4

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LB-13-COMP 1-0-4	17B0503-19	Chromium, Total	210			Y	0.39	0.59	4
LB-13-COMP 1-0-4	17B0503-19	Lead	290		JH	Y	0.25	0.89	4
LB-13-COMP 1-0-4	17B0503-19	Selenium	3.3	J	JH	Y	1.3	1.3	4
LB-13-COMP 1-0-4	17B0503-19	Silver	3.4			Y	0.47	0.59	4
LB-13-COMP 2-4-9.8	17B0503-20	Arsenic	12		J	Y	0.42	3.1	4
LB-13-COMP 2-4-9.8	17B0503-20	Barium	720			Y	0.18	3.1	4
LB-13-COMP 2-4-9.8	17B0503-20	Cadmium	5.2			Y	0.16	0.31	4
LB-13-COMP 2-4-9.8	17B0503-20	Chromium, Total	300			Y	0.4	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	Lead	1200		JH	Y	0.26	0.92	4
LB-13-COMP 2-4-9.8	17B0503-20	Selenium	4.7	J	JH	Y	1.4	1.4	4
LB-13-COMP 2-4-9.8	17B0503-20	Silver	2.4			Y	0.49	0.61	4
LB-01-COMP 1-0-4	17B0503-23	Arsenic		U	UJ	Y	0.39	2.8	4
LB-01-COMP 1-0-4	17B0503-23	Barium	390			Y	0.16	2.8	4
LB-01-COMP 1-0-4	17B0503-23	Cadmium	2.4			Y	0.15	0.28	4
LB-01-COMP 1-0-4	17B0503-23	Chromium, Total	260			Y	0.37	0.56	4
LB-01-COMP 1-0-4	17B0503-23	Lead	500		JH	Y	0.24	0.85	4
LB-01-COMP 1-0-4	17B0503-23	Selenium	3.3	J	JH	Y	1.3	1.3	4
LB-01-COMP 1-0-4	17B0503-23	Silver	2.4			Y	0.45	0.56	4
LB-01-COMP 2-4-9.8	17B0503-24	Arsenic		U	UJ	Y	0.41	2.9	4
LB-01-COMP 2-4-9.8	17B0503-24	Barium	80			Y	0.17	2.9	4
LB-01-COMP 2-4-9.8	17B0503-24	Cadmium	0.76			Y	0.16	0.29	4
LB-01-COMP 2-4-9.8	17B0503-24	Chromium, Total	36			Y	0.38	0.59	4
LB-01-COMP 2-4-9.8	17B0503-24	Lead	42		JH	Y	0.25	0.88	4
LB-01-COMP 2-4-9.8	17B0503-24	Selenium	1.7	J	JH	Y	1.3	1.3	4
LB-01-COMP 2-4-9.8	17B0503-24	Silver	0.69			Y	0.47	0.59	4
LB-02-COMP 1-0-4	17B0503-25	Arsenic	6.4		J	Y	0.4	2.9	4
LB-02-COMP 1-0-4	17B0503-25	Barium	270			Y	0.17	2.9	4
LB-02-COMP 1-0-4	17B0503-25	Cadmium	1.8			Y	0.16	0.29	4
LB-02-COMP 1-0-4	17B0503-25	Chromium, Total	170			Y	0.37	0.57	4
LB-02-COMP 1-0-4	17B0503-25	Lead	330		JH	Y	0.24	0.86	4
LB-02-COMP 1-0-4	17B0503-25	Selenium	4.3	J	JH	Y	1.3	1.3	4
LB-02-COMP 1-0-4	17B0503-25	Silver	1.6			Y	0.46	0.57	4
LB-02-COMP 2-4-9.2	17B0503-26	Aluminum	11000			Y	3	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Antimony	13		JH	Y	1.9	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Arsenic	11		J	Y	0.42	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Barium	170			Y	0.18	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Beryllium	0.89			Y	0.22	0.3	4
LB-02-COMP 2-4-9.2	17B0503-26	Cadmium		U		Y	0.16	0.3	4
LB-02-COMP 2-4-9.2	17B0503-26	Calcium	14000		J	Y	5.7	9.1	4
LB-02-COMP 2-4-9.2	17B0503-26	Chromium, Total	260		J	Y	0.39	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Cobalt	13		J	Y	0.36	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Copper	63		J	Y	0.3	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Iron	47000	D		Y	29	30	4
LB-02-COMP 2-4-9.2	17B0503-26	Lead	110		J	Y	0.25	0.91	4
LB-02-COMP 2-4-9.2	17B0503-26	Magnesium	6200	D		Y	6	18	4
LB-02-COMP 2-4-9.2	17B0503-26	Manganese	560			Y	0.43	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Nickel	160			Y	0.24	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Potassium	1700			Y	74	120	4
LB-02-COMP 2-4-9.2	17B0503-26	Selenium		U		Y	1.4	1.4	4
LB-02-COMP 2-4-9.2	17B0503-26	Silver	1.7		J	Y	0.48	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Sodium	310			Y	68	120	4
LB-02-COMP 2-4-9.2	17B0503-26	Thallium		U		Y	1.2	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Vanadium	36		J	Y	0.43	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	Zinc	130		J	Y	0.93	1.2	4
LB-03-COMP 1-0-4	17B0503-27	Arsenic	11		J	Y	0.37	2.7	4
LB-03-COMP 1-0-4	17B0503-27	Barium	620			Y	0.16	2.7	4
LB-03-COMP 1-0-4	17B0503-27	Cadmium	3			Y	0.15	0.27	4
LB-03-COMP 1-0-4	17B0503-27	Chromium, Total	100			Y	0.35	0.54	4
LB-03-COMP 1-0-4	17B0503-27	Lead	3100		JH	Y	0.23	0.81	4
LB-03-COMP 1-0-4	17B0503-27	Selenium		U		Y	1.2	1.2	4
LB-03-COMP 1-0-4	17B0503-27	Silver	1.3			Y	0.43	0.54	4
LB-03-COMP 2-4-9.9	17B0503-28	Arsenic		U	UJ	Y	0.45	3.3	4
LB-03-COMP 2-4-9.9	17B0503-28	Barium	130			Y	0.19	3.3	4
LB-03-COMP 2-4-9.9	17B0503-28	Cadmium	1.3			Y	0.18	0.33	4
LB-03-COMP 2-4-9.9	17B0503-28	Chromium, Total	32			Y	0.42	0.65	4
LB-03-COMP 2-4-9.9	17B0503-28	Lead	290		JH	Y	0.27	0.98	4
LB-03-COMP 2-4-9.9	17B0503-28	Selenium	1.9	J	JH	Y	1.5	1.5	4
LB-03-COMP 2-4-9.9	17B0503-28	Silver	1.5			Y	0.52	0.65	4

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LB-07-COMP 1-0-4	17B0503-29	Arsenic	4.9		J	Y	0.39	2.8	4
LB-07-COMP 1-0-4	17B0503-29	Barium	200			Y	0.17	2.8	4
LB-07-COMP 1-0-4	17B0503-29	Cadmium	1.7			Y	0.15	0.28	4
LB-07-COMP 1-0-4	17B0503-29	Chromium, Total	89			Y	0.37	0.57	4
LB-07-COMP 1-0-4	17B0503-29	Lead	160		JH	Y	0.24	0.85	4
LB-07-COMP 1-0-4	17B0503-29	Selenium		U		Y	1.3	1.3	4
LB-07-COMP 1-0-4	17B0503-29	Silver		U		Y	0.46	0.57	4
LB-07-COMP 2-4-9.7	17B0503-30	Arsenic	7.8		J	Y	0.41	3	4
LB-07-COMP 2-4-9.7	17B0503-30	Barium	1500			Y	0.17	3	4
LB-07-COMP 2-4-9.7	17B0503-30	Cadmium	3.2			Y	0.16	0.3	4
LB-07-COMP 2-4-9.7	17B0503-30	Chromium, Total	330			Y	0.39	0.6	4
LB-07-COMP 2-4-9.7	17B0503-30	Lead	320		JH	Y	0.25	0.9	4
LB-07-COMP 2-4-9.7	17B0503-30	Selenium	4.4	J	JH	Y	1.3	1.3	4
LB-07-COMP 2-4-9.7	17B0503-30	Silver	2.5			Y	0.48	0.6	4
LB-28-COMP 2-4-11	17B0503-51	Aluminum	11000			Y	3	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Antimony	32		JH	Y	2	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Arsenic	18		J	Y	0.43	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Barium	480			Y	0.18	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Beryllium	0.85			Y	0.23	0.31	4
LB-28-COMP 2-4-11	17B0503-51	Cadmium	0.52			Y	0.17	0.31	4
LB-28-COMP 2-4-11	17B0503-51	Calcium	20000		J	Y	5.8	9.3	4
LB-28-COMP 2-4-11	17B0503-51	Chromium, Total	330		J	Y	0.4	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Cobalt	23		J	Y	0.37	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Copper	230		J	Y	0.31	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Iron	91000	D		Y	58	62	4
LB-28-COMP 2-4-11	17B0503-51	Lead	360		J	Y	0.26	0.93	4
LB-28-COMP 2-4-11	17B0503-51	Magnesium	7300	D		Y	6.1	19	4
LB-28-COMP 2-4-11	17B0503-51	Manganese	1400			Y	0.44	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Nickel	250			Y	0.24	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Potassium	1300			Y	76	120	4
LB-28-COMP 2-4-11	17B0503-51	Selenium		U		Y	1.4	1.4	4
LB-28-COMP 2-4-11	17B0503-51	Silver	1.9		J	Y	0.49	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Sodium	140			Y	70	120	4
LB-28-COMP 2-4-11	17B0503-51	Thallium		U		Y	1.2	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Vanadium	42		J	Y	0.44	1.2	4
LB-28-COMP 2-4-11	17B0503-51	Zinc	360		J	Y	0.94	1.2	4
LB-29-COMP 1-0-4	17B0503-52	Arsenic	5.9		J	Y	0.4	2.9	4
LB-29-COMP 1-0-4	17B0503-52	Barium	140			Y	0.17	2.9	4
LB-29-COMP 1-0-4	17B0503-52	Cadmium	1			Y	0.16	0.29	4
LB-29-COMP 1-0-4	17B0503-52	Chromium, Total	27			Y	0.38	0.58	4
LB-29-COMP 1-0-4	17B0503-52	Lead	130		JH	Y	0.24	0.87	4
LB-29-COMP 1-0-4	17B0503-52	Selenium		U		Y	1.3	1.3	4
LB-29-COMP 1-0-4	17B0503-52	Silver		U		Y	0.46	0.58	4
LB-29-COMP 2-4-9.3	17B0503-53	Arsenic	3.3		J	Y	0.42	3	4
LB-29-COMP 2-4-9.3	17B0503-53	Barium	110			Y	0.17	3	4
LB-29-COMP 2-4-9.3	17B0503-53	Cadmium	0.78			Y	0.16	0.3	4
LB-29-COMP 2-4-9.3	17B0503-53	Chromium, Total	17			Y	0.39	0.6	4
LB-29-COMP 2-4-9.3	17B0503-53	Lead	86		JH	Y	0.25	0.9	4
LB-29-COMP 2-4-9.3	17B0503-53	Selenium	2.9	J	JH	Y	1.3	1.3	4
LB-29-COMP 2-4-9.3	17B0503-53	Silver		U		Y	0.48	0.6	4
LB-13-COMP 3-10-15	17B0503-54	Arsenic	7.4		J	Y	0.41	3	4
LB-13-COMP 3-10-15	17B0503-54	Barium	910			Y	0.17	3	4
LB-13-COMP 3-10-15	17B0503-54	Cadmium	6			Y	0.16	0.3	4
LB-13-COMP 3-10-15	17B0503-54	Chromium, Total	340			Y	0.38	0.59	4
LB-13-COMP 3-10-15	17B0503-54	Lead	1800		JH	Y	0.25	0.89	4
LB-13-COMP 3-10-15	17B0503-54	Selenium	5.2	J	JH	Y	1.3	1.3	4
LB-13-COMP 3-10-15	17B0503-54	Silver	2.1			Y	0.47	0.59	4
B170631-BLK1	B170631-BLK1	Aluminum		U		Y	2.4	2.5	4
B170631-BLK1	B170631-BLK1	Antimony		U		Y	1.6	2.5	4
B170631-BLK1	B170631-BLK1	Arsenic		U		Y	0.34	2.5	4
B170631-BLK1	B170631-BLK1	Barium		U		Y	0.14	2.5	4
B170631-BLK1	B170631-BLK1	Beryllium		U		Y	0.18	0.25	4
B170631-BLK1	B170631-BLK1	Cadmium		U		Y	0.14	0.25	4
B170631-BLK1	B170631-BLK1	Calcium		U		Y	4.7	7.5	4
B170631-BLK1	B170631-BLK1	Chromium, Total		U		Y	0.32	0.5	4
B170631-BLK1	B170631-BLK1	Cobalt		U	UJ	Y	0.3	2.5	4
B170631-BLK1	B170631-BLK1	Copper		U		Y	0.25	0.5	4
B170631-BLK1	B170631-BLK1	Iron		U		Y	2.4	2.5	4

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B170631-BLK1	B170631-BLK1	Lead		U		Y	0.21	0.75	4
B170631-BLK1	B170631-BLK1	Magnesium		U		Y	2.5	7.5	4
B170631-BLK1	B170631-BLK1	Manganese		U		Y	0.36	0.5	4
B170631-BLK1	B170631-BLK1	Nickel		U		Y	0.2	0.5	4
B170631-BLK1	B170631-BLK1	Potassium		U		Y	61	100	4
B170631-BLK1	B170631-BLK1	Selenium		U		Y	1.1	1.1	4
B170631-BLK1	B170631-BLK1	Silver		U		Y	0.4	0.5	4
B170631-BLK1	B170631-BLK1	Sodium		U		Y	56	100	4
B170631-BLK1	B170631-BLK1	Thallium		U	UJ	Y	0.99	2.5	4
B170631-BLK1	B170631-BLK1	Vanadium		U		Y	0.36	1	4
B170631-BLK1	B170631-BLK1	Zinc		U		Y	0.76	1	4
B170631-BS1	B170631-BS1	Aluminum	5950			Y	4.9	5	4
B170631-BS1	B170631-BS1	Antimony	162		JH	Y	3.2	5	4
B170631-BS1	B170631-BS1	Arsenic	60.5		J	Y	0.68	5	4
B170631-BS1	B170631-BS1	Barium	109			Y	0.29	5	4
B170631-BS1	B170631-BS1	Beryllium	78.4			Y	0.37	0.5	4
B170631-BS1	B170631-BS1	Cadmium	80.7			Y	0.27	0.5	4
B170631-BS1	B170631-BS1	Calcium	6500			Y	9.3	15	4
B170631-BS1	B170631-BS1	Chromium, Total	69		J	Y	0.64	0.99	4
B170631-BS1	B170631-BS1	Cobalt	62.6		J	Y	0.59	5	4
B170631-BS1	B170631-BS1	Copper	61.2		J	Y	0.5	0.99	4
B170631-BS1	B170631-BS1	Iron	13500			Y	4.7	5	4
B170631-BS1	B170631-BS1	Lead	86.8		J	Y	0.42	1.5	4
B170631-BS1	B170631-BS1	Magnesium	2380			Y	4.9	15	4
B170631-BS1	B170631-BS1	Manganese	269			Y	0.7	0.99	4
B170631-BS1	B170631-BS1	Nickel	63.8			Y	0.39	0.99	4
B170631-BS1	B170631-BS1	Potassium	2440			Y	120	200	4
B170631-BS1	B170631-BS1	Selenium	79.6			Y	2.2	2.2	4
B170631-BS1	B170631-BS1	Silver	57.8		J	Y	0.79	0.99	4
B170631-BS1	B170631-BS1	Sodium	938			Y	110	200	4
B170631-BS1	B170631-BS1	Thallium	191			Y	2	5	4
B170631-BS1	B170631-BS1	Vanadium	56.4		J	Y	0.7	2	4
B170631-BS1	B170631-BS1	Zinc	211		J	Y	1.5	2	4
B170631-BSD1	B170631-BSD1	Aluminum	5700			Y	4.9	5	4
B170631-BSD1	B170631-BSD1	Antimony	153		JH	Y	3.2	5	4
B170631-BSD1	B170631-BSD1	Arsenic	59.8		J	Y	0.68	5	4
B170631-BSD1	B170631-BSD1	Barium	108			Y	0.29	5	4
B170631-BSD1	B170631-BSD1	Beryllium	75.9			Y	0.37	0.5	4
B170631-BSD1	B170631-BSD1	Cadmium	79.9			Y	0.27	0.5	4
B170631-BSD1	B170631-BSD1	Calcium	6320			Y	9.3	15	4
B170631-BSD1	B170631-BSD1	Chromium, Total	72.6		J	Y	0.65	0.99	4
B170631-BSD1	B170631-BSD1	Cobalt	61.4		J	Y	0.6	5	4
B170631-BSD1	B170631-BSD1	Copper	59.8		J	Y	0.5	0.99	4
B170631-BSD1	B170631-BSD1	Iron	13000			Y	4.7	5	4
B170631-BSD1	B170631-BSD1	Lead	109		J	Y	0.42	1.5	4
B170631-BSD1	B170631-BSD1	Magnesium	2320			Y	4.9	15	4
B170631-BSD1	B170631-BSD1	Manganese	285			Y	0.7	0.99	4
B170631-BSD1	B170631-BSD1	Nickel	61.5			Y	0.39	0.99	4
B170631-BSD1	B170631-BSD1	Potassium	2360			Y	120	200	4
B170631-BSD1	B170631-BSD1	Selenium	76.8			Y	2.2	2.2	4
B170631-BSD1	B170631-BSD1	Silver	55		J	Y	0.79	0.99	4
B170631-BSD1	B170631-BSD1	Sodium	916			Y	110	200	4
B170631-BSD1	B170631-BSD1	Thallium	186			Y	2	5	4
B170631-BSD1	B170631-BSD1	Vanadium	54.3		J	Y	0.7	2	4
B170631-BSD1	B170631-BSD1	Zinc	207		J	Y	1.5	2	4
B170657-BLK1	B170657-BLK1	Arsenic		U	UJ	Y	0.34	2.5	4
B170657-BLK1	B170657-BLK1	Barium		U		Y	0.14	2.5	4
B170657-BLK1	B170657-BLK1	Cadmium		U		Y	0.14	0.25	4
B170657-BLK1	B170657-BLK1	Chromium, Total		U		Y	0.32	0.5	4
B170657-BLK1	B170657-BLK1	Lead		U		Y	0.21	0.75	4
B170657-BLK1	B170657-BLK1	Selenium		U		Y	1.1	1.1	4
B170657-BLK1	B170657-BLK1	Silver		U		Y	0.4	0.5	4
B170657-BS1	B170657-BS1	Arsenic	52.1		J	Y	0.68	5	4
B170657-BS1	B170657-BS1	Barium	95			Y	0.29	5	4
B170657-BS1	B170657-BS1	Cadmium	73.1			Y	0.27	0.5	4
B170657-BS1	B170657-BS1	Chromium, Total	59.8			Y	0.64	0.99	4
B170657-BS1	B170657-BS1	Lead	79		JH	Y	0.42	1.5	4
B170657-BS1	B170657-BS1	Selenium	73.2		JH	Y	2.2	2.2	4

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B170657-BS1	B170657-BS1	Silver	49.5			Y	0.79	0.99	4
B170657-BSD1	B170657-BSD1	Arsenic	53.9		J	Y	0.68	5	4
B170657-BSD1	B170657-BSD1	Barium	103			Y	0.29	5	4
B170657-BSD1	B170657-BSD1	Cadmium	76.8			Y	0.27	0.5	4
B170657-BSD1	B170657-BSD1	Chromium, Total	63.8			Y	0.64	0.99	4
B170657-BSD1	B170657-BSD1	Lead	80.6		JH	Y	0.42	1.5	4
B170657-BSD1	B170657-BSD1	Selenium	76.7		JH	Y	2.2	2.2	4
B170657-BSD1	B170657-BSD1	Silver	51.2			Y	0.79	0.99	4
B170760-BLK1	B170760-BLK1	Arsenic		U	UJ	Y	0.34	2.5	4
B170760-BLK1	B170760-BLK1	Barium		U		Y	0.14	2.5	4
B170760-BLK1	B170760-BLK1	Cadmium		U		Y	0.14	0.25	4
B170760-BLK1	B170760-BLK1	Chromium, Total		U		Y	0.32	0.5	4
B170760-BLK1	B170760-BLK1	Lead		U		Y	0.21	0.75	4
B170760-BLK1	B170760-BLK1	Selenium		U		Y	1.1	1.1	4
B170760-BLK1	B170760-BLK1	Silver		U		Y	0.4	0.5	4
B170760-BS1	B170760-BS1	Arsenic	52.7		J	Y	0.7	5.1	4
B170760-BS1	B170760-BS1	Barium	104			Y	0.29	5.1	4
B170760-BS1	B170760-BS1	Cadmium	74.2			Y	0.27	0.51	4
B170760-BS1	B170760-BS1	Chromium, Total	59.9			Y	0.66	1	4
B170760-BS1	B170760-BS1	Lead	83.1		JH	Y	0.43	1.5	4
B170760-BS1	B170760-BS1	Selenium	74.1		JH	Y	2.3	2.3	4
B170760-BS1	B170760-BS1	Silver	51			Y	0.81	1	4
B170760-BSD1	B170760-BSD1	Arsenic	56.4		J	Y	0.7	5	4
B170760-BSD1	B170760-BSD1	Barium	117			Y	0.29	5	4
B170760-BSD1	B170760-BSD1	Cadmium	79.7			Y	0.27	0.5	4
B170760-BSD1	B170760-BSD1	Chromium, Total	65.3			Y	0.65	1	4
B170760-BSD1	B170760-BSD1	Lead	85		JH	Y	0.42	1.5	4
B170760-BSD1	B170760-BSD1	Selenium	79		JH	Y	2.3	2.3	4
B170760-BSD1	B170760-BSD1	Silver	55.1			Y	0.81	1	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Arsenic	4.09		J	Y	0.43	3.1	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Barium	600			Y	0.18	3.1	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Cadmium	4.84			Y	0.17	0.31	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Chromium, Total	199			Y	0.41	0.63	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Lead	2120		JH	Y	0.26	0.94	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Selenium	4.75	J	JH	Y	1.4	1.4	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Silver		U		Y	0.5	0.63	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Arsenic	31.8		J	Y	0.43	3.1	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Barium	291			Y	0.18	3.1	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Cadmium	32.5			Y	0.17	0.31	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Chromium, Total	216			Y	0.4	0.62	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Lead	1290		JH	Y	0.26	0.92	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Selenium	30.1		JH	Y	1.4	1.4	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Silver	30.1			Y	0.49	0.62	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Arsenic	34.2		J	Y	0.43	3.1	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Barium	318			Y	0.18	3.1	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Cadmium	32.6			Y	0.17	0.31	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Chromium, Total	202			Y	0.4	0.62	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Lead	1310		JH	Y	0.26	0.93	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Selenium	29.4		JH	Y	1.4	1.4	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Silver	30.5			Y	0.5	0.62	4
LB-14-COMP 1-0-4	17B0503-01	Mercury	0.11			Y	0.0089	0.031	4
LB-15-COMP 1-0-4	17B0503-02	Mercury	0.071			Y	0.0077	0.027	4
LB-14-COMP 2-4-10.5	17B0503-03	Mercury	0.11			Y	0.009	0.031	4
LB-15-COMP 2-4-8.5	17B0503-04	Mercury	0.042			Y	0.0091	0.032	4
LB-18-COMP 1-0-4	17B0503-05	Mercury		U		Y	0.0076	0.027	4
LB-26-COMP 1-0-4	17B0503-06	Mercury	0.15			Y	0.0086	0.03	4
LB-26-COMP 2-4-7.8	17B0503-07	Mercury	0.075			Y	0.0086	0.03	4
LB-27-COMP 1-0-4	17B0503-08	Mercury	0.17			Y	0.0088	0.03	4
LB-27-COMP 2-4-10.3	17B0503-09	Mercury	0.2			Y	0.0083	0.029	4
LB-28-COMP 1-0-4	17B0503-10	Mercury	0.23			Y	0.009	0.031	4
LB-08-COMP 1-0-4	17B0503-11	Mercury	0.23			Y	0.0088	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Mercury	0.1			Y	0.0089	0.031	4
LB-09-COMP 1-0-4	17B0503-13	Mercury	0.065			Y	0.0091	0.032	4
LB-09-COMP 2-4-10.7	17B0503-14	Mercury	0.81	D		Y	0.046	0.16	4
LB-11-COMP 2-4-9	17B0503-15	Mercury	0.47			Y	0.0088	0.03	4
LB-11-COMP 1-0-4	17B0503-16	Mercury	0.09			Y	0.0088	0.031	4
LB-12-COMP 1-0-4	17B0503-17	Mercury	0.22			Y	0.0091	0.031	4
LB-12-COMP 2-4-9	17B0503-18	Mercury	0.24		J	Y	0.009	0.031	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-13-COMP 1-0-4	17B0503-19	Mercury	0.14			Y	0.0084	0.029	4
LB-13-COMP 2-4-9.8	17B0503-20	Mercury	0.21			Y	0.0087	0.03	4
LB-01-COMP 1-0-4	17B0503-23	Mercury	0.2			Y	0.0082	0.028	4
LB-01-COMP 2-4-9.8	17B0503-24	Mercury	0.084			Y	0.0085	0.03	4
LB-02-COMP 1-0-4	17B0503-25	Mercury	0.1			Y	0.0085	0.03	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Mercury	0.22			Y	0.0089	0.031	4
LB-03-COMP 1-0-4	17B0503-27	Mercury	0.23			Y	0.0079	0.027	4
LB-03-COMP 2-4-9.9	17B0503-28	Mercury	0.039			Y	0.0094	0.033	4
LB-07-COMP 1-0-4	17B0503-29	Mercury	0.14			Y	0.0085	0.03	4
LB-07-COMP 2-4-9.7	17B0503-30	Mercury	0.21			Y	0.0091	0.032	4
LB-28-COMP 2-4-11	17B0503-51	Mercury	0.081			Y	0.009	0.031	4
LB-29-COMP 1-0-4	17B0503-52	Mercury	0.1			Y	0.0082	0.029	4
LB-29-COMP 2-4-9.3	17B0503-53	Mercury	0.08			Y	0.0087	0.03	4
LB-13-COMP 3-10-15	17B0503-54	Mercury	0.21			Y	0.0088	0.031	4
B170638-BLK1	B170638-BLK1	Mercury		U		Y	0.0072	0.025	4
B170638-BS1	B170638-BS1	Mercury	10.4	D		Y	0.55	1.9	4
B170638-BSD1	B170638-BSD1	Mercury	10.3	D		Y	0.55	1.9	4
B170739-BLK1	B170739-BLK1	Mercury		U		Y	0.0072	0.025	4
B170739-BS1	B170739-BS1	Mercury	8.33	D		Y	0.54	1.9	4
B170739-BSD1	B170739-BSD1	Mercury	8.81	D		Y	0.56	2	4
LB-12-COMP 2-4-9DUP1	B170739-DUP1	Mercury	0.482			Y	0.009	0.031	4
LB-12-COMP 2-4-9MS1	B170739-MS1	Mercury	0.496			Y	0.009	0.031	4
LB-12-COMP 2-4-9MSD	B170739-MSD1	Mercury	0.451			Y	0.0088	0.031	4
B170762-BLK1	B170762-BLK1	Mercury		U		Y	0.0072	0.025	4
B170762-BS1	B170762-BS1	Mercury	10.2	D		Y	0.53	1.9	4
B170762-BSD1	B170762-BSD1	Mercury	10.7	D		Y	0.53	1.9	4
B170901-BLK1	B170901-BLK1	Mercury		U		Y	0.0072	0.025	4
B170901-BS1	B170901-BS1	Mercury	11.8	D		Y	0.55	1.9	4
B170901-BSD1	B170901-BSD1	Mercury	9.24	D		Y	0.55	1.9	4
LB-02-COMP 2-4-9.2DU	B170901-DUP1	Mercury	0.23			Y	0.0087	0.03	4
LB-02-COMP 2-4-9.2MS	B170901-MS1	Mercury	0.409			Y	0.0089	0.031	4
LB-15-COMP 1-0-4	17B0503-02	2,4,5,6-Tetrachloro-Meta-Xylene	82.5			Y			4
LB-15-COMP 1-0-4	17B0503-02	Alachlor		U		Y	0.0012	0.022	4
LB-15-COMP 1-0-4	17B0503-02	Aldrin		U		Y	0.00033	0.0022	4
LB-15-COMP 1-0-4	17B0503-02	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.00043	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Alpha Endosulfan		U		Y	0.00043	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.00054	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Beta Endosulfan		U		Y	0.00033	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Chlordane		U		Y	0.0063	0.022	4
LB-15-COMP 1-0-4	17B0503-02	Decachlorobiphenyl (PCB 209)	81.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.00043	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Dieldrin		U		Y	0.00033	0.0022	4
LB-15-COMP 1-0-4	17B0503-02	Endosulfan Sulfate		U		Y	0.0014	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Endrin		U		Y	0.00033	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Endrin Aldehyde		U		Y	0.0013	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Endrin Ketone		U		Y	0.00043	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Gamma Bhc (Lindane)		U		Y	0.00054	0.0022	4
LB-15-COMP 1-0-4	17B0503-02	Heptachlor		U		Y	0.00054	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Heptachlor Epoxide		U		Y	0.00043	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Hexachlorobenzene		U		Y	0.00076	0.0065	4
LB-15-COMP 1-0-4	17B0503-02	Methoxychlor		U		Y	0.00065	0.054	4
LB-15-COMP 1-0-4	17B0503-02	P,P'-DDD		U		Y	0.00043	0.0011	4
LB-15-COMP 1-0-4	17B0503-02	P,P'-DDE		U		Y	0.00033	0.0011	4
LB-15-COMP 1-0-4	17B0503-02	P,P'-DDT		U		Y	0.00043	0.0011	4
LB-15-COMP 1-0-4	17B0503-02	Toxaphene		U		Y	0.047	0.11	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,5,6-Tetrachloro-Meta-Xylene	71.1			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Alachlor		U		Y	0.0014	0.026	4
LB-15-COMP 2-4-8.5	17B0503-04	Aldrin		U		Y	0.00038	0.0026	4
LB-15-COMP 2-4-8.5	17B0503-04	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.00051	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Alpha Endosulfan		U		Y	0.00051	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.00064	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Beta Endosulfan		U		Y	0.00038	0.01	4
LB-15-COMP 2-4-8.5	17B0503-04	Chlordane		U		Y	0.0074	0.026	4
LB-15-COMP 2-4-8.5	17B0503-04	Decachlorobiphenyl (PCB 209)	74.3			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.00051	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Dieldrin		U		Y	0.00038	0.0026	4
LB-15-COMP 2-4-8.5	17B0503-04	Endosulfan Sulfate		U		Y	0.0017	0.01	4
LB-15-COMP 2-4-8.5	17B0503-04	Endrin		U		Y	0.00038	0.01	4

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LB-15-COMP 2-4-8.5	17B0503-04	Endrin Aldehyde		U		Y	0.0015	0.01	4
LB-15-COMP 2-4-8.5	17B0503-04	Endrin Ketone		U		Y	0.00051	0.01	4
LB-15-COMP 2-4-8.5	17B0503-04	Gamma Bhc (Lindane)		U		Y	0.00064	0.0026	4
LB-15-COMP 2-4-8.5	17B0503-04	Heptachlor		U		Y	0.00064	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Heptachlor Epoxide		U		Y	0.00051	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachlorobenzene		U		Y	0.0009	0.0077	4
LB-15-COMP 2-4-8.5	17B0503-04	Methoxychlor		U		Y	0.00077	0.064	4
LB-15-COMP 2-4-8.5	17B0503-04	P,P'-DDD		U		Y	0.00051	0.0013	4
LB-15-COMP 2-4-8.5	17B0503-04	P,P'-DDE		U		Y	0.00038	0.0013	4
LB-15-COMP 2-4-8.5	17B0503-04	P,P'-DDT		U		Y	0.00051	0.0013	4
LB-15-COMP 2-4-8.5	17B0503-04	Toxaphene		U		Y	0.055	0.13	4
LB-18-COMP 1-0-4	17B0503-05	2,4,5,6-Tetrachloro-Meta-Xylene	66.8			Y			4
LB-18-COMP 1-0-4	17B0503-05	Alachlor		U		Y	0.0012	0.022	4
LB-18-COMP 1-0-4	17B0503-05	Aldrin		U		Y	0.00033	0.0022	4
LB-18-COMP 1-0-4	17B0503-05	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.00043	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Alpha Endosulfan		U		Y	0.00043	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.00054	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Beta Endosulfan		U		Y	0.00033	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Chlordane		U		Y	0.0063	0.022	4
LB-18-COMP 1-0-4	17B0503-05	Decachlorobiphenyl (PCB 209)	70.3			Y			4
LB-18-COMP 1-0-4	17B0503-05	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.00043	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Dieldrin		U		Y	0.00033	0.0022	4
LB-18-COMP 1-0-4	17B0503-05	Endosulfan Sulfate		U		Y	0.0014	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Endrin		U		Y	0.00033	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Endrin Aldehyde		U		Y	0.0013	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Endrin Ketone		U		Y	0.00043	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Gamma Bhc (Lindane)		U		Y	0.00054	0.0022	4
LB-18-COMP 1-0-4	17B0503-05	Heptachlor		U		Y	0.00054	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Heptachlor Epoxide		U		Y	0.00043	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Hexachlorobenzene		U		Y	0.00076	0.0065	4
LB-18-COMP 1-0-4	17B0503-05	Methoxychlor		U		Y	0.00065	0.054	4
LB-18-COMP 1-0-4	17B0503-05	P,P'-DDD		U		Y	0.00043	0.0011	4
LB-18-COMP 1-0-4	17B0503-05	P,P'-DDE		U		Y	0.00033	0.0011	4
LB-18-COMP 1-0-4	17B0503-05	P,P'-DDT		U		Y	0.00043	0.0011	4
LB-18-COMP 1-0-4	17B0503-05	Toxaphene		U		Y	0.047	0.11	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,5,6-Tetrachloro-Meta-Xylene	78.2			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Alachlor		U		Y	0.0068	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	Aldrin		U		Y	0.0018	0.012	4
LB-08-COMP 2-4-10.2	17B0503-12	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.0025	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Alpha Endosulfan		U		Y	0.0025	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.0031	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Beta Endosulfan		U		Y	0.0018	0.049	4
LB-08-COMP 2-4-10.2	17B0503-12	Chlordane		U		Y	0.036	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	Decachlorobiphenyl (PCB 209)	71.9			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.0025	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Dieldrin		U		Y	0.0018	0.012	4
LB-08-COMP 2-4-10.2	17B0503-12	Endosulfan Sulfate		U		Y	0.008	0.049	4
LB-08-COMP 2-4-10.2	17B0503-12	Endrin		U		Y	0.0018	0.049	4
LB-08-COMP 2-4-10.2	17B0503-12	Endrin Aldehyde		U		Y	0.0015	0.0099	4
LB-08-COMP 2-4-10.2	17B0503-12	Endrin Ketone		U		Y	0.0025	0.049	4
LB-08-COMP 2-4-10.2	17B0503-12	Gamma Bhc (Lindane)		U		Y	0.0031	0.012	4
LB-08-COMP 2-4-10.2	17B0503-12	Heptachlor		U		Y	0.0031	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Heptachlor Epoxide		U		Y	0.0025	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachlorobenzene		U		Y	0.0043	0.037	4
LB-08-COMP 2-4-10.2	17B0503-12	Methoxychlor		U		Y	0.0037	0.31	4
LB-08-COMP 2-4-10.2	17B0503-12	P,P'-DDD		U		Y	0.0025	0.0062	4
LB-08-COMP 2-4-10.2	17B0503-12	P,P'-DDE		U		Y	0.0018	0.0062	4
LB-08-COMP 2-4-10.2	17B0503-12	P,P'-DDT		U		Y	0.0025	0.0062	4
LB-08-COMP 2-4-10.2	17B0503-12	Toxaphene		U		Y	0.27	0.62	4
LB-11-COMP 1-0-4	17B0503-16	2,4,5,6-Tetrachloro-Meta-Xylene	80.4			Y			4
LB-11-COMP 1-0-4	17B0503-16	Alachlor		U		Y	0.034	0.62	4
LB-11-COMP 1-0-4	17B0503-16	Aldrin		U		Y	0.0094	0.062	4
LB-11-COMP 1-0-4	17B0503-16	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.012	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Alpha Endosulfan		U		Y	0.012	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.016	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Beta Endosulfan		U		Y	0.0094	0.25	4
LB-11-COMP 1-0-4	17B0503-16	Chlordane		U		Y	0.18	0.62	4
LB-11-COMP 1-0-4	17B0503-16	Decachlorobiphenyl (PCB 209)	74.1			Y			4

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LB-11-COMP 1-0-4	17B0503-16	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.012	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Dieldrin		U		Y	0.0094	0.062	4
LB-11-COMP 1-0-4	17B0503-16	Endosulfan Sulfate		U		Y	0.041	0.25	4
LB-11-COMP 1-0-4	17B0503-16	Endrin		U		Y	0.0094	0.25	4
LB-11-COMP 1-0-4	17B0503-16	Endrin Aldehyde		U		Y	0.0015	0.01	4
LB-11-COMP 1-0-4	17B0503-16	Endrin Ketone		U		Y	0.012	0.25	4
LB-11-COMP 1-0-4	17B0503-16	Gamma Bhc (Lindane)		U		Y	0.016	0.062	4
LB-11-COMP 1-0-4	17B0503-16	Heptachlor		U		Y	0.016	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Heptachlor Epoxide		U		Y	0.012	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Hexachlorobenzene		U		Y	0.022	0.19	4
LB-11-COMP 1-0-4	17B0503-16	Methoxychlor		U		Y	0.019	1.6	4
LB-11-COMP 1-0-4	17B0503-16	P,P'-DDD		U		Y	0.012	0.031	4
LB-11-COMP 1-0-4	17B0503-16	P,P'-DDE		U		Y	0.0094	0.031	4
LB-11-COMP 1-0-4	17B0503-16	P,P'-DDT		U		Y	0.012	0.031	4
LB-11-COMP 1-0-4	17B0503-16	Toxaphene		U		Y	1.3	3.1	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Alachlor		U		Y	0.068	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	Aldrin		U		Y	0.019	0.12	4
LB-02-COMP 2-4-9.2	17B0503-26	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.025	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Alpha Endosulfan		U		Y	0.025	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.031	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Beta Endosulfan		U		Y	0.019	0.49	4
LB-02-COMP 2-4-9.2	17B0503-26	Chlordane		U		Y	0.36	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.025	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Dieldrin		U		Y	0.019	0.12	4
LB-02-COMP 2-4-9.2	17B0503-26	Endosulfan Sulfate		U		Y	0.08	0.49	4
LB-02-COMP 2-4-9.2	17B0503-26	Endrin		U		Y	0.019	0.49	4
LB-02-COMP 2-4-9.2	17B0503-26	Endrin Aldehyde		U		Y	0.0015	0.0099	4
LB-02-COMP 2-4-9.2	17B0503-26	Endrin Ketone		U		Y	0.025	0.49	4
LB-02-COMP 2-4-9.2	17B0503-26	Gamma Bhc (Lindane)		U		Y	0.031	0.12	4
LB-02-COMP 2-4-9.2	17B0503-26	Heptachlor		U		Y	0.031	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Heptachlor Epoxide		U		Y	0.025	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachlorobenzene		U		Y	0.043	0.37	4
LB-02-COMP 2-4-9.2	17B0503-26	Methoxychlor		U		Y	0.037	3.1	4
LB-02-COMP 2-4-9.2	17B0503-26	P,P'-DDD		U		Y	0.025	0.062	4
LB-02-COMP 2-4-9.2	17B0503-26	P,P'-DDE		U		Y	0.019	0.062	4
LB-02-COMP 2-4-9.2	17B0503-26	P,P'-DDT		U		Y	0.025	0.062	4
LB-02-COMP 2-4-9.2	17B0503-26	Toxaphene		U		Y	2.7	6.2	4
LB-28-COMP 2-4-11	17B0503-51	2,4,5,6-Tetrachloro-Meta-Xylene	86.7	U		Y			4
LB-28-COMP 2-4-11	17B0503-51	Alachlor		U		Y	0.0069	0.13	4
LB-28-COMP 2-4-11	17B0503-51	Aldrin		U		Y	0.0019	0.013	4
LB-28-COMP 2-4-11	17B0503-51	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.0025	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Alpha Endosulfan		U		Y	0.0025	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.0031	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Beta Endosulfan		U		Y	0.0019	0.05	4
LB-28-COMP 2-4-11	17B0503-51	Chlordane		U		Y	0.036	0.13	4
LB-28-COMP 2-4-11	17B0503-51	Decachlorobiphenyl (PCB 209)	75.3	U		Y			4
LB-28-COMP 2-4-11	17B0503-51	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.0025	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Dieldrin		U		Y	0.0019	0.013	4
LB-28-COMP 2-4-11	17B0503-51	Endosulfan Sulfate		U		Y	0.0082	0.05	4
LB-28-COMP 2-4-11	17B0503-51	Endrin		U		Y	0.0019	0.05	4
LB-28-COMP 2-4-11	17B0503-51	Endrin Aldehyde		U		Y	0.0015	0.01	4
LB-28-COMP 2-4-11	17B0503-51	Endrin Ketone		U		Y	0.0025	0.05	4
LB-28-COMP 2-4-11	17B0503-51	Gamma Bhc (Lindane)		U		Y	0.0031	0.013	4
LB-28-COMP 2-4-11	17B0503-51	Heptachlor		U		Y	0.0031	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Heptachlor Epoxide		U		Y	0.0025	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Hexachlorobenzene		U		Y	0.0044	0.038	4
LB-28-COMP 2-4-11	17B0503-51	Methoxychlor		U		Y	0.0038	0.31	4
LB-28-COMP 2-4-11	17B0503-51	P,P'-DDD		U		Y	0.0025	0.0063	4
LB-28-COMP 2-4-11	17B0503-51	P,P'-DDE		U		Y	0.0019	0.0063	4
LB-28-COMP 2-4-11	17B0503-51	P,P'-DDT		U		Y	0.0025	0.0063	4
LB-28-COMP 2-4-11	17B0503-51	Toxaphene		U		Y	0.27	0.63	4
B170237-BLK1	B170237-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	91.9			Y			4
B170237-BLK1	B170237-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	86.7			Y			4
B170237-BLK1	B170237-BLK1	Alachlor		U		Y	0.0011	0.02	4
B170237-BLK1	B170237-BLK1	Alachlor		U		Y	0.0011	0.02	4
B170237-BLK1	B170237-BLK1	Aldrin		U		Y	0.0003	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170237-BLK1	B170237-BLK1	Aldrin		U		Y	0.0003	0.002	4
B170237-BLK1	B170237-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Alpha Endosulfan		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Alpha Endosulfan		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.0005	0.005	4
B170237-BLK1	B170237-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.0005	0.005	4
B170237-BLK1	B170237-BLK1	Beta Endosulfan		U		Y	0.0003	0.008	4
B170237-BLK1	B170237-BLK1	Beta Endosulfan		U		Y	0.0003	0.008	4
B170237-BLK1	B170237-BLK1	Chlordane		U		Y	0.0058	0.02	4
B170237-BLK1	B170237-BLK1	Chlordane		U		Y	0.0058	0.02	4
B170237-BLK1	B170237-BLK1	cis-Chlordane		U		Y	0.00028	0.005	4
B170237-BLK1	B170237-BLK1	cis-Chlordane		U		Y	0.00028	0.005	4
B170237-BLK1	B170237-BLK1	Decachlorobiphenyl (PCB 209)	92.1			Y			4
B170237-BLK1	B170237-BLK1	Decachlorobiphenyl (PCB 209)	88.6			Y			4
B170237-BLK1	B170237-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Dieldrin		U		Y	0.0003	0.002	4
B170237-BLK1	B170237-BLK1	Dieldrin		U		Y	0.0003	0.002	4
B170237-BLK1	B170237-BLK1	Endosulfan Sulfate		U		Y	0.0013	0.008	4
B170237-BLK1	B170237-BLK1	Endosulfan Sulfate		U		Y	0.0013	0.008	4
B170237-BLK1	B170237-BLK1	Endrin		U		Y	0.0003	0.008	4
B170237-BLK1	B170237-BLK1	Endrin		U		Y	0.0003	0.008	4
B170237-BLK1	B170237-BLK1	Endrin Aldehyde		U		Y	0.0012	0.008	4
B170237-BLK1	B170237-BLK1	Endrin Aldehyde		U		Y	0.0012	0.008	4
B170237-BLK1	B170237-BLK1	Endrin Ketone		U		Y	0.0004	0.008	4
B170237-BLK1	B170237-BLK1	Endrin Ketone		U		Y	0.0004	0.008	4
B170237-BLK1	B170237-BLK1	Gamma Bhc (Lindane)		U		Y	0.0005	0.002	4
B170237-BLK1	B170237-BLK1	Gamma Bhc (Lindane)		U		Y	0.0005	0.002	4
B170237-BLK1	B170237-BLK1	Heptachlor		U		Y	0.0005	0.005	4
B170237-BLK1	B170237-BLK1	Heptachlor		U		Y	0.0005	0.005	4
B170237-BLK1	B170237-BLK1	Heptachlor Epoxide		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Heptachlor Epoxide		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Hexachlorobenzene		U		Y	0.0007	0.006	4
B170237-BLK1	B170237-BLK1	Hexachlorobenzene		U		Y	0.0007	0.006	4
B170237-BLK1	B170237-BLK1	Methoxychlor		U		Y	0.0006	0.05	4
B170237-BLK1	B170237-BLK1	Methoxychlor		U		Y	0.0006	0.05	4
B170237-BLK1	B170237-BLK1	P,P'-DDD		U		Y	0.0004	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDD		U		Y	0.0004	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDE		U		Y	0.0003	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDE		U		Y	0.0003	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDT		U		Y	0.0004	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDT		U		Y	0.0004	0.001	4
B170237-BLK1	B170237-BLK1	Toxaphene		U		Y	0.043	0.1	4
B170237-BLK1	B170237-BLK1	Toxaphene		U		Y	0.043	0.1	4
B170237-BLK1	B170237-BLK1	trans-Chlordane		U		Y	0.00028	0.005	4
B170237-BLK1	B170237-BLK1	trans-Chlordane		U		Y	0.001	0.005	4
B170237-BS1	B170237-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	93.8			Y			4
B170237-BS1	B170237-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	83.2			Y			4
B170237-BS1	B170237-BS1	Alachlor	0.1			Y	0.0011	0.02	4
B170237-BS1	B170237-BS1	Alachlor	0.1			Y	0.0011	0.02	4
B170237-BS1	B170237-BS1	Aldrin	0.091			Y	0.0003	0.002	4
B170237-BS1	B170237-BS1	Aldrin	0.086			Y	0.0003	0.002	4
B170237-BS1	B170237-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.094			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.083			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Alpha Endosulfan	0.082			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Alpha Endosulfan	0.081			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.092			Y	0.0005	0.005	4
B170237-BS1	B170237-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.084			Y	0.0005	0.005	4
B170237-BS1	B170237-BS1	Beta Endosulfan	0.087			Y	0.0003	0.008	4
B170237-BS1	B170237-BS1	Beta Endosulfan	0.084			Y	0.0003	0.008	4
B170237-BS1	B170237-BS1	cis-Chlordane	0.091			Y	0.00028	0.005	4
B170237-BS1	B170237-BS1	cis-Chlordane	0.089			Y	0.00028	0.005	4
B170237-BS1	B170237-BS1	Decachlorobiphenyl (PCB 209)	94.4			Y			4
B170237-BS1	B170237-BS1	Decachlorobiphenyl (PCB 209)	91.4			Y			4
B170237-BS1	B170237-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.092			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.083			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Dieldrin	0.09			Y	0.0003	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170237-BS1	B170237-BS1	Dieldrin	0.084			Y	0.0003	0.002	4
B170237-BS1	B170237-BS1	Endosulfan Sulfate	0.1			Y	0.0013	0.008	4
B170237-BS1	B170237-BS1	Endosulfan Sulfate	0.089			Y	0.0013	0.008	4
B170237-BS1	B170237-BS1	Endrin	0.092			Y	0.0003	0.008	4
B170237-BS1	B170237-BS1	Endrin	0.089			Y	0.0003	0.008	4
B170237-BS1	B170237-BS1	Endrin Aldehyde	0.089			Y	0.0012	0.008	4
B170237-BS1	B170237-BS1	Endrin Aldehyde	0.086			Y	0.0012	0.008	4
B170237-BS1	B170237-BS1	Endrin Ketone	0.096			Y	0.0004	0.008	4
B170237-BS1	B170237-BS1	Endrin Ketone	0.093			Y	0.0004	0.008	4
B170237-BS1	B170237-BS1	Gamma Bhc (Lindane)	0.097			Y	0.0005	0.002	4
B170237-BS1	B170237-BS1	Gamma Bhc (Lindane)	0.086			Y	0.0005	0.002	4
B170237-BS1	B170237-BS1	Heptachlor	0.089			Y	0.0005	0.005	4
B170237-BS1	B170237-BS1	Heptachlor	0.086			Y	0.0005	0.005	4
B170237-BS1	B170237-BS1	Heptachlor Epoxide	0.089			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Heptachlor Epoxide	0.085			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Hexachlorobenzene	0.087			Y	0.0007	0.006	4
B170237-BS1	B170237-BS1	Hexachlorobenzene	0.08			Y	0.0007	0.006	4
B170237-BS1	B170237-BS1	Methoxychlor	0.094			Y	0.0006	0.05	4
B170237-BS1	B170237-BS1	Methoxychlor	0.11			Y	0.0006	0.05	4
B170237-BS1	B170237-BS1	P,P'-DDD	0.097			Y	0.0004	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDD	0.091			Y	0.0004	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDE	0.097			Y	0.0003	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDE	0.091			Y	0.0003	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDT	0.098			Y	0.0004	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDT	0.09			Y	0.0004	0.001	4
B170237-BS1	B170237-BS1	trans-Chlordane	0.089			Y	0.00028	0.005	4
B170237-BS1	B170237-BS1	trans-Chlordane	0.091			Y	0.001	0.005	4
B170237-BSD1	B170237-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	84.8			Y			4
B170237-BSD1	B170237-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	84.8			Y			4
B170237-BSD1	B170237-BSD1	Alachlor	0.098			Y	0.0011	0.02	4
B170237-BSD1	B170237-BSD1	Alachlor	0.098			Y	0.0011	0.02	4
B170237-BSD1	B170237-BSD1	Aldrin	0.087			Y	0.0003	0.002	4
B170237-BSD1	B170237-BSD1	Aldrin	0.085			Y	0.0003	0.002	4
B170237-BSD1	B170237-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.086			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.085			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Alpha Endosulfan	0.078			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Alpha Endosulfan	0.078			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.085			Y	0.0005	0.005	4
B170237-BSD1	B170237-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.085			Y	0.0005	0.005	4
B170237-BSD1	B170237-BSD1	Beta Endosulfan	0.082			Y	0.0003	0.008	4
B170237-BSD1	B170237-BSD1	Beta Endosulfan	0.081			Y	0.0003	0.008	4
B170237-BSD1	B170237-BSD1	cis-Chlordane	0.087			Y	0.00028	0.005	4
B170237-BSD1	B170237-BSD1	cis-Chlordane	0.086			Y	0.00028	0.005	4
B170237-BSD1	B170237-BSD1	Decachlorobiphenyl (PCB 209)	88.9			Y			4
B170237-BSD1	B170237-BSD1	Decachlorobiphenyl (PCB 209)	86.1			Y			4
B170237-BSD1	B170237-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.085			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.085			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Dieldrin	0.086			Y	0.0003	0.002	4
B170237-BSD1	B170237-BSD1	Dieldrin	0.081			Y	0.0003	0.002	4
B170237-BSD1	B170237-BSD1	Endosulfan Sulfate	0.095			Y	0.0013	0.008	4
B170237-BSD1	B170237-BSD1	Endosulfan Sulfate	0.085			Y	0.0013	0.008	4
B170237-BSD1	B170237-BSD1	Endrin	0.088			Y	0.0003	0.008	4
B170237-BSD1	B170237-BSD1	Endrin	0.086			Y	0.0003	0.008	4
B170237-BSD1	B170237-BSD1	Endrin Aldehyde	0.085			Y	0.0012	0.008	4
B170237-BSD1	B170237-BSD1	Endrin Aldehyde	0.082			Y	0.0012	0.008	4
B170237-BSD1	B170237-BSD1	Endrin Ketone	0.092			Y	0.0004	0.008	4
B170237-BSD1	B170237-BSD1	Endrin Ketone	0.09			Y	0.0004	0.008	4
B170237-BSD1	B170237-BSD1	Gamma Bhc (Lindane)	0.089			Y	0.0005	0.002	4
B170237-BSD1	B170237-BSD1	Gamma Bhc (Lindane)	0.088			Y	0.0005	0.002	4
B170237-BSD1	B170237-BSD1	Heptachlor	0.084			Y	0.0005	0.005	4
B170237-BSD1	B170237-BSD1	Heptachlor	0.086			Y	0.0005	0.005	4
B170237-BSD1	B170237-BSD1	Heptachlor Epoxide	0.084			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Heptachlor Epoxide	0.083			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Hexachlorobenzene	0.081			Y	0.0007	0.006	4
B170237-BSD1	B170237-BSD1	Hexachlorobenzene	0.083			Y	0.0007	0.006	4
B170237-BSD1	B170237-BSD1	Methoxychlor	0.09			Y	0.0006	0.05	4
B170237-BSD1	B170237-BSD1	Methoxychlor	0.11			Y	0.0006	0.05	4
B170237-BSD1	B170237-BSD1	P,P'-DDD	0.093			Y	0.0004	0.001	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170237-BSD1	B170237-BSD1	P,P'-DDD	0.088			Y	0.0004	0.001	4
B170237-BSD1	B170237-BSD1	P,P'-DDE	0.092			Y	0.0003	0.001	4
B170237-BSD1	B170237-BSD1	P,P'-DDE	0.088			Y	0.0003	0.001	4
B170237-BSD1	B170237-BSD1	P,P'-DDT	0.093			Y	0.0004	0.001	4
B170237-BSD1	B170237-BSD1	P,P'-DDT	0.087			Y	0.0004	0.001	4
B170237-BSD1	B170237-BSD1	trans-Chlordane	0.085			Y	0.00028	0.005	4
B170237-BSD1	B170237-BSD1	trans-Chlordane	0.088			Y	0.001	0.005	4
LB-14-COMP 1-0-4	17B0503-01	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-14-COMP 1-0-4	17B0503-01	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-14-COMP 1-0-4	17B0503-01	PCB-1016 (Aroclor 1016)		U		Y	0.75	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1221 (Aroclor 1221)		U		Y	0.81	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1232 (Aroclor 1232)		U		Y	0.56	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1242 (Aroclor 1242)		U		Y	0.63	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1248 (Aroclor 1248)		U		Y	0.75	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1254 (Aroclor 1254)	12	D		Y	0.81	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1260 (Aroclor 1260)	1.5	D		Y	0.88	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1262 (Aroclor 1262)		U		Y	0.63	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1268 (Aroclor 1268)		U		Y	0.5	1.3	4
LB-15-COMP 1-0-4	17B0503-02	2,4,5,6-Tetrachloro-Meta-Xylene	98.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Decachlorobiphenyl (PCB 209)	108			Y			4
LB-15-COMP 1-0-4	17B0503-02	PCB-1016 (Aroclor 1016)		U		Y	0.065	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1221 (Aroclor 1221)		U		Y	0.07	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1232 (Aroclor 1232)		U		Y	0.049	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1242 (Aroclor 1242)	1.2	D		Y	0.054	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1248 (Aroclor 1248)		U		Y	0.065	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1254 (Aroclor 1254)		U		Y	0.07	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1260 (Aroclor 1260)		U		Y	0.076	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1262 (Aroclor 1262)		U		Y	0.054	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1268 (Aroclor 1268)		U		Y	0.043	0.11	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4,5,6-Tetrachloro-Meta-Xylene	93.6			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Decachlorobiphenyl (PCB 209)	84.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1016 (Aroclor 1016)		U		Y	0.38	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1221 (Aroclor 1221)		U		Y	0.41	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1232 (Aroclor 1232)		U		Y	0.29	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1242 (Aroclor 1242)		U		Y	0.32	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1248 (Aroclor 1248)		U		Y	0.38	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1254 (Aroclor 1254)	3.8	D		Y	0.41	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1260 (Aroclor 1260)		U		Y	0.45	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1262 (Aroclor 1262)		U		Y	0.32	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1268 (Aroclor 1268)		U		Y	0.26	0.64	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,5,6-Tetrachloro-Meta-Xylene	88.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Decachlorobiphenyl (PCB 209)	102			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1016 (Aroclor 1016)		U		Y	0.077	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1221 (Aroclor 1221)		U		Y	0.083	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1232 (Aroclor 1232)		U		Y	0.058	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1242 (Aroclor 1242)	0.25	D		Y	0.064	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1248 (Aroclor 1248)		U		Y	0.077	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1254 (Aroclor 1254)	1.2	D		Y	0.083	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1260 (Aroclor 1260)		U		Y	0.09	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1262 (Aroclor 1262)		U		Y	0.064	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1268 (Aroclor 1268)		U		Y	0.051	0.13	4
LB-18-COMP 1-0-4	17B0503-05	2,4,5,6-Tetrachloro-Meta-Xylene	78.7			Y			4
LB-18-COMP 1-0-4	17B0503-05	Decachlorobiphenyl (PCB 209)	77			Y			4
LB-18-COMP 1-0-4	17B0503-05	PCB-1016 (Aroclor 1016)		U		Y	0.013	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1221 (Aroclor 1221)		U		Y	0.014	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1232 (Aroclor 1232)		U		Y	0.0098	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1242 (Aroclor 1242)		U		Y	0.011	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1248 (Aroclor 1248)		U		Y	0.013	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1254 (Aroclor 1254)		U		Y	0.014	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1260 (Aroclor 1260)		U		Y	0.015	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1262 (Aroclor 1262)		U		Y	0.011	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1268 (Aroclor 1268)		U		Y	0.0087	0.022	4
LB-26-COMP 1-0-4	17B0503-06	2,4,5,6-Tetrachloro-Meta-Xylene	101			Y			4
LB-26-COMP 1-0-4	17B0503-06	Decachlorobiphenyl (PCB 209)	91.2			Y			4
LB-26-COMP 1-0-4	17B0503-06	PCB-1016 (Aroclor 1016)		U		Y	0.29	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1221 (Aroclor 1221)		U		Y	0.31	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1232 (Aroclor 1232)		U		Y	0.22	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1242 (Aroclor 1242)		U		Y	0.24	0.48	4

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LB-26-COMP 1-0-4	17B0503-06	PCB-1248 (Aroclor 1248)	0.67	D		Y	0.29	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1254 (Aroclor 1254)	3.2	D		Y	0.31	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1260 (Aroclor 1260)	0.52	D		Y	0.34	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1262 (Aroclor 1262)		U		Y	0.24	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1268 (Aroclor 1268)		U		Y	0.19	0.48	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1016 (Aroclor 1016)		U		Y	0.74	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1221 (Aroclor 1221)		U		Y	0.8	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1232 (Aroclor 1232)		U		Y	0.56	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1242 (Aroclor 1242)		U		Y	0.62	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1248 (Aroclor 1248)		U		Y	0.74	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1254 (Aroclor 1254)	6	D		Y	0.8	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1260 (Aroclor 1260)		U		Y	0.86	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1262 (Aroclor 1262)		U		Y	0.62	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1268 (Aroclor 1268)		U		Y	0.49	1.2	4
LB-27-COMP 1-0-4	17B0503-08	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-27-COMP 1-0-4	17B0503-08	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-27-COMP 1-0-4	17B0503-08	PCB-1016 (Aroclor 1016)		U		Y	0.74	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1221 (Aroclor 1221)		U		Y	0.8	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1232 (Aroclor 1232)		U		Y	0.55	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1242 (Aroclor 1242)		U		Y	0.61	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1248 (Aroclor 1248)		U		Y	0.74	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1254 (Aroclor 1254)	7.7	D		Y	0.8	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1260 (Aroclor 1260)		U		Y	0.86	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1262 (Aroclor 1262)		U		Y	0.61	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1268 (Aroclor 1268)		U		Y	0.49	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1016 (Aroclor 1016)		U		Y	0.71	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1221 (Aroclor 1221)		U		Y	0.77	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1232 (Aroclor 1232)		U		Y	0.53	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1242 (Aroclor 1242)		U		Y	0.59	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1248 (Aroclor 1248)		U		Y	0.71	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1254 (Aroclor 1254)	7.5	D		Y	0.77	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1260 (Aroclor 1260)		U		Y	0.82	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1262 (Aroclor 1262)		U		Y	0.59	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1268 (Aroclor 1268)		U		Y	0.47	1.2	4
LB-28-COMP 1-0-4	17B0503-10	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-28-COMP 1-0-4	17B0503-10	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-28-COMP 1-0-4	17B0503-10	PCB-1016 (Aroclor 1016)		U		Y	0.75	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1221 (Aroclor 1221)		U		Y	0.82	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1232 (Aroclor 1232)		U		Y	0.57	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1242 (Aroclor 1242)		U		Y	0.63	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1248 (Aroclor 1248)		U		Y	0.75	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1254 (Aroclor 1254)	7.5	D		Y	0.82	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1260 (Aroclor 1260)		U		Y	0.88	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1262 (Aroclor 1262)		U		Y	0.63	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1268 (Aroclor 1268)		U		Y	0.5	1.3	4
LB-08-COMP 1-0-4	17B0503-11	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-08-COMP 1-0-4	17B0503-11	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-08-COMP 1-0-4	17B0503-11	PCB-1016 (Aroclor 1016)		U		Y	0.75	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1221 (Aroclor 1221)		U		Y	0.81	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1232 (Aroclor 1232)		U		Y	0.56	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1242 (Aroclor 1242)		U		Y	0.62	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1248 (Aroclor 1248)		U		Y	0.75	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1254 (Aroclor 1254)	11	D		Y	0.81	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1260 (Aroclor 1260)		U		Y	0.87	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1262 (Aroclor 1262)		U		Y	0.62	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1268 (Aroclor 1268)		U		Y	0.5	1.2	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,5,6-Tetrachloro-Meta-Xylene	89			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Decachlorobiphenyl (PCB 209)	88.4			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1016 (Aroclor 1016)		U		Y	0.074	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1221 (Aroclor 1221)		U		Y	0.08	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1232 (Aroclor 1232)		U		Y	0.055	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1242 (Aroclor 1242)		U		Y	0.062	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1248 (Aroclor 1248)		U		Y	0.074	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1254 (Aroclor 1254)	0.28	D		Y	0.08	0.12	4

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LB-08-COMP 2-4-10.2	17B0503-12	PCB-1260 (Aroclor 1260)		U		Y	0.086	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1262 (Aroclor 1262)		U		Y	0.062	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1268 (Aroclor 1268)		U		Y	0.049	0.12	4
LB-09-COMP 1-0-4	17B0503-13	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-09-COMP 1-0-4	17B0503-13	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-09-COMP 1-0-4	17B0503-13	PCB-1016 (Aroclor 1016)		U		Y	0.77	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1221 (Aroclor 1221)		U		Y	0.83	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1232 (Aroclor 1232)		U		Y	0.58	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1242 (Aroclor 1242)		U		Y	0.64	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1248 (Aroclor 1248)		U		Y	0.77	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1254 (Aroclor 1254)	8.3	D		Y	0.83	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1260 (Aroclor 1260)	1.4	D		Y	0.9	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1262 (Aroclor 1262)		U		Y	0.64	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1268 (Aroclor 1268)		U		Y	0.51	1.3	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4,5,6-Tetrachloro-Meta-Xylene	89.3			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Decachlorobiphenyl (PCB 209)	77.3			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1016 (Aroclor 1016)		U		Y	0.079	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1221 (Aroclor 1221)		U		Y	0.085	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1232 (Aroclor 1232)		U		Y	0.059	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1242 (Aroclor 1242)		U		Y	0.065	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1248 (Aroclor 1248)		U		Y	0.079	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1254 (Aroclor 1254)	0.26	D		Y	0.085	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1260 (Aroclor 1260)		U		Y	0.092	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1262 (Aroclor 1262)		U		Y	0.065	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1268 (Aroclor 1268)		U		Y	0.052	0.13	4
LB-11-COMP 2-4-9	17B0503-15	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-11-COMP 2-4-9	17B0503-15	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-11-COMP 2-4-9	17B0503-15	PCB-1016 (Aroclor 1016)		U		Y	0.73	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1221 (Aroclor 1221)		U		Y	0.79	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1232 (Aroclor 1232)		U		Y	0.55	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1242 (Aroclor 1242)		U		Y	0.61	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1248 (Aroclor 1248)		U		Y	0.73	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1254 (Aroclor 1254)	10	D		Y	0.79	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1260 (Aroclor 1260)	2	D		Y	0.85	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1262 (Aroclor 1262)		U		Y	0.61	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1268 (Aroclor 1268)		U		Y	0.49	1.2	4
LB-11-COMP 1-0-4	17B0503-16	2,4,5,6-Tetrachloro-Meta-Xylene	96.3			Y			4
LB-11-COMP 1-0-4	17B0503-16	Decachlorobiphenyl (PCB 209)	105			Y			4
LB-11-COMP 1-0-4	17B0503-16	PCB-1016 (Aroclor 1016)		U		Y	0.38	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1221 (Aroclor 1221)		U		Y	0.41	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1232 (Aroclor 1232)		U		Y	0.28	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1242 (Aroclor 1242)		U		Y	0.31	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1248 (Aroclor 1248)		U		Y	0.38	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1254 (Aroclor 1254)	4	D		Y	0.41	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1260 (Aroclor 1260)	1.1	D		Y	0.44	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1262 (Aroclor 1262)		U		Y	0.31	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1268 (Aroclor 1268)		U		Y	0.25	0.62	4
LB-12-COMP 1-0-4	17B0503-17	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-12-COMP 1-0-4	17B0503-17	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-12-COMP 1-0-4	17B0503-17	PCB-1016 (Aroclor 1016)		U		Y	1.5	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1221 (Aroclor 1221)		U		Y	1.7	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1232 (Aroclor 1232)		U		Y	1.2	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1242 (Aroclor 1242)		U		Y	1.3	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1248 (Aroclor 1248)		U		Y	1.5	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1254 (Aroclor 1254)	18	D		Y	1.7	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1260 (Aroclor 1260)		U		Y	1.8	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1262 (Aroclor 1262)		U		Y	1.3	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1268 (Aroclor 1268)		U		Y	1	2.6	4
LB-12-COMP 2-4-9	17B0503-18	2,4,5,6-Tetrachloro-Meta-Xylene	89.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Decachlorobiphenyl (PCB 209)	76.8			Y			4
LB-12-COMP 2-4-9	17B0503-18	PCB-1016 (Aroclor 1016)		U		Y	0.075	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1221 (Aroclor 1221)		U		Y	0.082	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1232 (Aroclor 1232)		U		Y	0.057	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1242 (Aroclor 1242)		U		Y	0.063	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1248 (Aroclor 1248)		U		Y	0.075	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1254 (Aroclor 1254)	1	D	J	Y	0.082	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1260 (Aroclor 1260)		U		Y	0.088	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1262 (Aroclor 1262)		U		Y	0.063	0.13	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-COMP 2-4-9	17B0503-18	PCB-1268 (Aroclor 1268)		U		Y	0.05	0.13	4
LB-13-COMP 1-0-4	17B0503-19	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-13-COMP 1-0-4	17B0503-19	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-13-COMP 1-0-4	17B0503-19	PCB-1016 (Aroclor 1016)		U		Y	2.9	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1221 (Aroclor 1221)		U		Y	3.1	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1232 (Aroclor 1232)		U		Y	2.2	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1242 (Aroclor 1242)		U		Y	2.4	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1248 (Aroclor 1248)		U		Y	2.9	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1254 (Aroclor 1254)	25	D		Y	3.1	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1260 (Aroclor 1260)		U		Y	3.4	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1262 (Aroclor 1262)		U		Y	2.4	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1268 (Aroclor 1268)		U		Y	1.9	4.8	4
LB-13-COMP 2-4-9.8	17B0503-20	2,4,5,6-Tetrachloro-Meta-Xylene	92.2			Y			4
LB-13-COMP 2-4-9.8	17B0503-20	Decachlorobiphenyl (PCB 209)	79			Y			4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1016 (Aroclor 1016)		U		Y	0.37	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1221 (Aroclor 1221)		U		Y	0.4	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1232 (Aroclor 1232)		U		Y	0.28	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1242 (Aroclor 1242)		U		Y	0.31	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1248 (Aroclor 1248)		U		Y	0.37	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1254 (Aroclor 1254)	3.9	D		Y	0.4	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1260 (Aroclor 1260)		U		Y	0.43	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1262 (Aroclor 1262)		U		Y	0.31	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1268 (Aroclor 1268)		U		Y	0.25	0.61	4
LB-01-COMP 1-0-4	17B0503-23	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-01-COMP 1-0-4	17B0503-23	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-01-COMP 1-0-4	17B0503-23	PCB-1016 (Aroclor 1016)		U		Y	3.4	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1221 (Aroclor 1221)		U		Y	3.7	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1232 (Aroclor 1232)		U		Y	2.6	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1242 (Aroclor 1242)		U		Y	2.9	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1248 (Aroclor 1248)		U		Y	3.4	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1254 (Aroclor 1254)	41	D		Y	3.7	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1260 (Aroclor 1260)		U		Y	4	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1262 (Aroclor 1262)		U		Y	2.9	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1268 (Aroclor 1268)		U		Y	2.3	5.7	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4,5,6-Tetrachloro-Meta-Xylene	92.7			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Decachlorobiphenyl (PCB 209)	91.1			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1016 (Aroclor 1016)		U		Y	0.29	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1221 (Aroclor 1221)		U		Y	0.31	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1232 (Aroclor 1232)		U		Y	0.22	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1242 (Aroclor 1242)		U		Y	0.24	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1248 (Aroclor 1248)		U		Y	0.29	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1254 (Aroclor 1254)	2.6	D		Y	0.31	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1260 (Aroclor 1260)		U		Y	0.34	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1262 (Aroclor 1262)		U		Y	0.24	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1268 (Aroclor 1268)		U		Y	0.19	0.48	4
LB-02-COMP 1-0-4	17B0503-25	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-02-COMP 1-0-4	17B0503-25	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-02-COMP 1-0-4	17B0503-25	PCB-1016 (Aroclor 1016)		U		Y	1.4	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1221 (Aroclor 1221)		U		Y	1.6	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1232 (Aroclor 1232)		U		Y	1.1	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1242 (Aroclor 1242)		U		Y	1.2	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1248 (Aroclor 1248)		U		Y	1.4	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1254 (Aroclor 1254)	24	D		Y	1.6	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1260 (Aroclor 1260)		U		Y	1.7	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1262 (Aroclor 1262)		U		Y	1.2	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1268 (Aroclor 1268)		U		Y	0.96	2.4	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1016 (Aroclor 1016)		U		Y	0.74	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1221 (Aroclor 1221)		U		Y	0.8	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1232 (Aroclor 1232)		U		Y	0.56	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1242 (Aroclor 1242)		U		Y	0.62	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1248 (Aroclor 1248)		U		Y	0.74	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1254 (Aroclor 1254)	9.6	D		Y	0.8	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1260 (Aroclor 1260)		U		Y	0.86	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1262 (Aroclor 1262)		U		Y	0.62	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1268 (Aroclor 1268)		U		Y	0.49	1.2	4
LB-03-COMP 1-0-4	17B0503-27	2,4,5,6-Tetrachloro-Meta-Xylene	92.7			Y			4

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LB-03-COMP 1-0-4	17B0503-27	Decachlorobiphenyl (PCB 209)	92.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	PCB-1016 (Aroclor 1016)		U		Y	0.34	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1221 (Aroclor 1221)		U		Y	0.37	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1232 (Aroclor 1232)		U		Y	0.25	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1242 (Aroclor 1242)		U		Y	0.28	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1248 (Aroclor 1248)		U		Y	0.34	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1254 (Aroclor 1254)	4.3	D		Y	0.37	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1260 (Aroclor 1260)		U		Y	0.4	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1262 (Aroclor 1262)		U		Y	0.28	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1268 (Aroclor 1268)		U		Y	0.23	0.56	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4,5,6-Tetrachloro-Meta-Xylene	90.4			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Decachlorobiphenyl (PCB 209)	85			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1016 (Aroclor 1016)		U		Y	0.016	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1221 (Aroclor 1221)		U		Y	0.017	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1232 (Aroclor 1232)		U		Y	0.012	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1242 (Aroclor 1242)		U		Y	0.013	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1248 (Aroclor 1248)		U		Y	0.016	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1254 (Aroclor 1254)		U		Y	0.017	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1260 (Aroclor 1260)		U		Y	0.018	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1262 (Aroclor 1262)		U		Y	0.013	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1268 (Aroclor 1268)		U		Y	0.01	0.026	4
LB-07-COMP 1-0-4	17B0503-29	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-07-COMP 1-0-4	17B0503-29	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-07-COMP 1-0-4	17B0503-29	PCB-1016 (Aroclor 1016)		U		Y	7.1	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1221 (Aroclor 1221)		U		Y	7.7	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1232 (Aroclor 1232)		U		Y	5.4	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1242 (Aroclor 1242)		U		Y	5.9	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1248 (Aroclor 1248)		U		Y	7.1	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1254 (Aroclor 1254)	39	D		Y	7.7	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1260 (Aroclor 1260)		U	UJ	Y	8.3	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1262 (Aroclor 1262)		U		Y	5.9	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1268 (Aroclor 1268)		U		Y	4.8	12	4
LB-07-COMP 2-4-9.7	17B0503-30	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-07-COMP 2-4-9.7	17B0503-30	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1016 (Aroclor 1016)		U		Y	15	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1221 (Aroclor 1221)		U		Y	17	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1232 (Aroclor 1232)		U		Y	11	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1242 (Aroclor 1242)		U		Y	13	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1248 (Aroclor 1248)		U		Y	15	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1254 (Aroclor 1254)	210	D		Y	17	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1260 (Aroclor 1260)		U	UJ	Y	18	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1262 (Aroclor 1262)		U		Y	13	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1268 (Aroclor 1268)		U		Y	10	25	4
LB-28-COMP 2-4-11	17B0503-51	2,4,5,6-Tetrachloro-Meta-Xylene	87.5			Y			4
LB-28-COMP 2-4-11	17B0503-51	Decachlorobiphenyl (PCB 209)	77.5			Y			4
LB-28-COMP 2-4-11	17B0503-51	PCB-1016 (Aroclor 1016)		U		Y	0.075	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1221 (Aroclor 1221)		U		Y	0.082	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1232 (Aroclor 1232)		U		Y	0.057	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1242 (Aroclor 1242)		U		Y	0.063	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1248 (Aroclor 1248)		U		Y	0.075	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1254 (Aroclor 1254)	1.3	D		Y	0.082	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1260 (Aroclor 1260)		U		Y	0.088	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1262 (Aroclor 1262)		U		Y	0.063	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1268 (Aroclor 1268)		U		Y	0.05	0.13	4
LB-29-COMP 1-0-4	17B0503-52	2,4,5,6-Tetrachloro-Meta-Xylene	79.9			Y			4
LB-29-COMP 1-0-4	17B0503-52	Decachlorobiphenyl (PCB 209)	67.3			Y			4
LB-29-COMP 1-0-4	17B0503-52	PCB-1016 (Aroclor 1016)		U		Y	0.069	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1221 (Aroclor 1221)		U		Y	0.075	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1232 (Aroclor 1232)		U		Y	0.052	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1242 (Aroclor 1242)		U		Y	0.058	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1248 (Aroclor 1248)		U		Y	0.069	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1254 (Aroclor 1254)	1.3	D		Y	0.075	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1260 (Aroclor 1260)		U	UJ	Y	0.081	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1262 (Aroclor 1262)		U		Y	0.058	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1268 (Aroclor 1268)		U		Y	0.046	0.12	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4,5,6-Tetrachloro-Meta-Xylene	84.7			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Decachlorobiphenyl (PCB 209)	80.2			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1016 (Aroclor 1016)		U		Y	0.014	0.024	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1221 (Aroclor 1221)		U		Y	0.016	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1232 (Aroclor 1232)		U		Y	0.011	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1242 (Aroclor 1242)		U		Y	0.012	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1248 (Aroclor 1248)		U		Y	0.014	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1254 (Aroclor 1254)	0.027			Y	0.016	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1260 (Aroclor 1260)		U	UJ	Y	0.017	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1262 (Aroclor 1262)		U		Y	0.012	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1268 (Aroclor 1268)		U		Y	0.0096	0.024	4
LB-13-COMP 3-10-15	17B0503-54	2,4,5,6-Tetrachloro-Meta-Xylene	74.6			Y			4
LB-13-COMP 3-10-15	17B0503-54	Decachlorobiphenyl (PCB 209)	55.1			Y			4
LB-13-COMP 3-10-15	17B0503-54	PCB-1016 (Aroclor 1016)		U		Y	0.3	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1221 (Aroclor 1221)		U		Y	0.32	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1232 (Aroclor 1232)		U		Y	0.22	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1242 (Aroclor 1242)		U		Y	0.25	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1248 (Aroclor 1248)		U		Y	0.3	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1254 (Aroclor 1254)	2.9	D		Y	0.32	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1260 (Aroclor 1260)		U		Y	0.35	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1262 (Aroclor 1262)		U		Y	0.25	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1268 (Aroclor 1268)		U		Y	0.2	0.5	4
B170238-BLK1	B170238-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	89.1			Y			4
B170238-BLK1	B170238-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	82.3			Y			4
B170238-BLK1	B170238-BLK1	Decachlorobiphenyl (PCB 209)	101			Y			4
B170238-BLK1	B170238-BLK1	Decachlorobiphenyl (PCB 209)	88.5			Y			4
B170238-BLK1	B170238-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170238-BS1	B170238-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89.5			Y			4
B170238-BS1	B170238-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	82.5			Y			4
B170238-BS1	B170238-BS1	Decachlorobiphenyl (PCB 209)	98.1			Y			4
B170238-BS1	B170238-BS1	Decachlorobiphenyl (PCB 209)	87			Y			4
B170238-BS1	B170238-BS1	PCB-1016 (Aroclor 1016)	0.16			Y	0.012	0.02	4
B170238-BS1	B170238-BS1	PCB-1016 (Aroclor 1016)	0.15			Y	0.012	0.02	4
B170238-BS1	B170238-BS1	PCB-1260 (Aroclor 1260)	0.16			Y	0.014	0.02	4
B170238-BS1	B170238-BS1	PCB-1260 (Aroclor 1260)	0.15			Y	0.014	0.02	4
B170238-BSD1	B170238-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	86			Y			4
B170238-BSD1	B170238-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	79.9			Y			4
B170238-BSD1	B170238-BSD1	Decachlorobiphenyl (PCB 209)	95.4			Y			4
B170238-BSD1	B170238-BSD1	Decachlorobiphenyl (PCB 209)	85.5			Y			4
B170238-BSD1	B170238-BSD1	PCB-1016 (Aroclor 1016)	0.16			Y	0.012	0.02	4
B170238-BSD1	B170238-BSD1	PCB-1016 (Aroclor 1016)	0.15			Y	0.012	0.02	4
B170238-BSD1	B170238-BSD1	PCB-1260 (Aroclor 1260)	0.15			Y	0.014	0.02	4
B170238-BSD1	B170238-BSD1	PCB-1260 (Aroclor 1260)	0.14			Y	0.014	0.02	4
B170375-BLK1	B170375-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	91.9			Y			4
B170375-BLK1	B170375-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	84.3			Y			4
B170375-BLK1	B170375-BLK1	Decachlorobiphenyl (PCB 209)	91.9			Y			4
B170375-BLK1	B170375-BLK1	Decachlorobiphenyl (PCB 209)	85.8			Y			4
B170375-BLK1	B170375-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170375-BLK1	B170375-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170375-BS1	B170375-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	98.8			Y			4
B170375-BS1	B170375-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	87.9			Y			4
B170375-BS1	B170375-BS1	Decachlorobiphenyl (PCB 209)	101			Y			4
B170375-BS1	B170375-BS1	Decachlorobiphenyl (PCB 209)	94.3			Y			4
B170375-BS1	B170375-BS1	PCB-1016 (Aroclor 1016)	0.18			Y	0.012	0.02	4
B170375-BS1	B170375-BS1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170375-BS1	B170375-BS1	PCB-1260 (Aroclor 1260)	0.18			Y	0.014	0.02	4
B170375-BS1	B170375-BS1	PCB-1260 (Aroclor 1260)	0.18			Y	0.014	0.02	4
B170375-BSD1	B170375-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	95			Y			4
B170375-BSD1	B170375-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	85.5			Y			4
B170375-BSD1	B170375-BSD1	Decachlorobiphenyl (PCB 209)	97.7			Y			4
B170375-BSD1	B170375-BSD1	Decachlorobiphenyl (PCB 209)	92.5			Y			4
B170375-BSD1	B170375-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170375-BSD1	B170375-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170375-BSD1	B170375-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	0.014	0.02	4
B170375-BSD1	B170375-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	0.014	0.02	4
LB-12-COMP 2-4-9MS1	B170375-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	85.4			Y			4
LB-12-COMP 2-4-9MS1	B170375-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	83.9			Y			4
LB-12-COMP 2-4-9MS1	B170375-MS1	Decachlorobiphenyl (PCB 209)	72.9			Y			4
LB-12-COMP 2-4-9MS1	B170375-MS1	Decachlorobiphenyl (PCB 209)	66.4			Y			4
LB-12-COMP 2-4-9MS1	B170375-MS1	PCB-1016 (Aroclor 1016)	0.21	D	J	Y	0.075	0.13	4
LB-12-COMP 2-4-9MS1	B170375-MS1	PCB-1016 (Aroclor 1016)	0.39	D	J	Y	0.075	0.13	4
LB-12-COMP 2-4-9MS1	B170375-MS1	PCB-1260 (Aroclor 1260)	0.45	D	J	Y	0.088	0.13	4
LB-12-COMP 2-4-9MS1	B170375-MS1	PCB-1260 (Aroclor 1260)	0.35	D	J	Y	0.088	0.13	4
LB-12-COMP 2-4-9MSD	B170375-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	91.4			Y			4
LB-12-COMP 2-4-9MSD	B170375-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	89.1			Y			4
LB-12-COMP 2-4-9MSD	B170375-MSD1	Decachlorobiphenyl (PCB 209)	80.1			Y			4
LB-12-COMP 2-4-9MSD	B170375-MSD1	Decachlorobiphenyl (PCB 209)	72.2			Y			4
LB-12-COMP 2-4-9MSD	B170375-MSD1	PCB-1016 (Aroclor 1016)	0.24	D	J	Y	0.075	0.13	4
LB-12-COMP 2-4-9MSD	B170375-MSD1	PCB-1016 (Aroclor 1016)	0.39	D	J	Y	0.075	0.13	4
LB-12-COMP 2-4-9MSD	B170375-MSD1	PCB-1260 (Aroclor 1260)	0.49	D	J	Y	0.088	0.13	4
LB-12-COMP 2-4-9MSD	B170375-MSD1	PCB-1260 (Aroclor 1260)	0.38	D	J	Y	0.088	0.13	4
B170377-BLK1	B170377-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	105			Y			4
B170377-BLK1	B170377-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	97.1			Y			4
B170377-BLK1	B170377-BLK1	Decachlorobiphenyl (PCB 209)	107			Y			4
B170377-BLK1	B170377-BLK1	Decachlorobiphenyl (PCB 209)	105			Y			4
B170377-BLK1	B170377-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170377-BS1	B170377-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	97.9			Y			4
B170377-BS1	B170377-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	90.9			Y			4
B170377-BS1	B170377-BS1	Decachlorobiphenyl (PCB 209)	97.8			Y			4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170377-BS1	B170377-BS1	Decachlorobiphenyl (PCB 209)	96.3			Y			4
B170377-BS1	B170377-BS1	PCB-1016 (Aroclor 1016)	0.18			Y	0.012	0.02	4
B170377-BS1	B170377-BS1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170377-BS1	B170377-BS1	PCB-1260 (Aroclor 1260)	0.19			Y	0.014	0.02	4
B170377-BS1	B170377-BS1	PCB-1260 (Aroclor 1260)	0.17			Y	0.014	0.02	4
B170377-BSD1	B170377-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	97.3			Y			4
B170377-BSD1	B170377-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	89.9			Y			4
B170377-BSD1	B170377-BSD1	Decachlorobiphenyl (PCB 209)	100			Y			4
B170377-BSD1	B170377-BSD1	Decachlorobiphenyl (PCB 209)	98.5			Y			4
B170377-BSD1	B170377-BSD1	PCB-1016 (Aroclor 1016)	0.19			Y	0.012	0.02	4
B170377-BSD1	B170377-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170377-BSD1	B170377-BSD1	PCB-1260 (Aroclor 1260)	0.19			Y	0.014	0.02	4
B170377-BSD1	B170377-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	0.014	0.02	4
LB-27-5.5-6	17B0503-21	1,1,1,2-Tetrachloroethane		U		Y	0.0019	0.0021	4
LB-27-5.5-6	17B0503-21	1,1,1-Trichloroethane		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	1,1,2,2-Tetrachloroethane		U		Y	0.00096	0.0011	4
LB-27-5.5-6	17B0503-21	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.00096	0.011	4
LB-27-5.5-6	17B0503-21	1,1,2-Trichloroethane		U		Y	0.0013	0.0021	4
LB-27-5.5-6	17B0503-21	1,1-Dichloroethane		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	1,1-Dichloroethene		U		Y	0.0012	0.0043	4
LB-27-5.5-6	17B0503-21	1,1-Dichloropropene		U		Y	0.00096	0.0021	4
LB-27-5.5-6	17B0503-21	1,2,3-Trichlorobenzene		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	1,2,3-Trichloropropane		U		Y	0.0012	0.0021	4
LB-27-5.5-6	17B0503-21	1,2,4-Trichlorobenzene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	1,2,4-Trimethylbenzene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	1,2-Dibromo-3-Chloropropane		U		Y	0.0012	0.0043	4
LB-27-5.5-6	17B0503-21	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	1,2-Dichlorobenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	1,2-Dichloroethane		U		Y	0.0014	0.0021	4
LB-27-5.5-6	17B0503-21	1,2-Dichloroethane-D4	98.2			Y			4
LB-27-5.5-6	17B0503-21	1,2-Dichloropropane		U		Y	0.0014	0.0021	4
LB-27-5.5-6	17B0503-21	1,3,5-Trichlorobenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	1,3-Dichlorobenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	1,3-Dichloropropane		U		Y	0.00075	0.0011	4
LB-27-5.5-6	17B0503-21	1,4-Dichlorobenzene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	1,4-Dichlorobenzene-D4	0.064			Y			4
LB-27-5.5-6	17B0503-21	1,4-Difluorobenzene	0.064			Y			4
LB-27-5.5-6	17B0503-21	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.061	0.11	4
LB-27-5.5-6	17B0503-21	2,2-Dichloropropane		U		Y	0.00096	0.0021	4
LB-27-5.5-6	17B0503-21	2-Chlorotoluene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	2-Hexanone		U		Y	0.012	0.021	4
LB-27-5.5-6	17B0503-21	2-Methoxy-2-Methylbutane		U		Y	0.00075	0.0011	4
LB-27-5.5-6	17B0503-21	4-Chlorotoluene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Acetone	0.11			Y	0.025	0.11	4
LB-27-5.5-6	17B0503-21	Acrylonitrile		U		Y	0.0027	0.0064	4
LB-27-5.5-6	17B0503-21	Benzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	Bromobenzene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Bromochloromethane		U		Y	0.0015	0.0021	4
LB-27-5.5-6	17B0503-21	Bromodichloromethane		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	Bromoform		U		Y	0.0015	0.0021	4
LB-27-5.5-6	17B0503-21	Bromomethane		U		Y	0.0045	0.011	4
LB-27-5.5-6	17B0503-21	Carbon Disulfide	0.0094			Y	0.0046	0.0064	4
LB-27-5.5-6	17B0503-21	Carbon Tetrachloride		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Chlorobenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	Chlorobenzene-D5	0.064			Y			4
LB-27-5.5-6	17B0503-21	Chloroethane		U		Y	0.0016	0.021	4
LB-27-5.5-6	17B0503-21	Chloroform		U		Y	0.00075	0.0043	4
LB-27-5.5-6	17B0503-21	Chloromethane		U		Y	0.0068	0.011	4
LB-27-5.5-6	17B0503-21	Cis-1,2-Dichloroethylene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Cis-1,3-Dichloropropene		U		Y	0.00075	0.0011	4
LB-27-5.5-6	17B0503-21	Cymene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Dibromochloromethane		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	Dibromomethane		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	Dichlorodifluoromethane		U		Y	0.0014	0.021	4
LB-27-5.5-6	17B0503-21	Diethyl Ether (Ethyl Ether)		U		Y	0.0019	0.021	4
LB-27-5.5-6	17B0503-21	Ethyl Tert-Butyl Ether		U		Y	0.00064	0.0011	4
LB-27-5.5-6	17B0503-21	Ethylbenzene		U		Y	0.00085	0.0021	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-27-5.5-6	17B0503-21	Hexachlorobutadiene		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	Isopropyl Ether		U		Y	0.00064	0.0011	4
LB-27-5.5-6	17B0503-21	Isopropylbenzene (Cumene)		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	m,p-Xylene		U		Y	0.0018	0.0043	4
LB-27-5.5-6	17B0503-21	Methyl Acetate		U		Y	0.0017	0.0021	4
LB-27-5.5-6	17B0503-21	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.019	0.043	4
LB-27-5.5-6	17B0503-21	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0081	0.021	4
LB-27-5.5-6	17B0503-21	Methylcyclohexane	0.0028			Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	Methylene Chloride		U		Y	0.0076	0.021	4
LB-27-5.5-6	17B0503-21	Naphthalene		U		Y	0.00075	0.0043	4
LB-27-5.5-6	17B0503-21	N-Butylbenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	N-Propylbenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	p-Bromofluorobenzene	102			Y			4
LB-27-5.5-6	17B0503-21	Pentafluorobenzene	0.064			Y			4
LB-27-5.5-6	17B0503-21	Sec-Butylbenzene		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	Styrene		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	T-Butylbenzene		U		Y	0.00096	0.0021	4
LB-27-5.5-6	17B0503-21	Tert-Butyl Alcohol		U	UJ	Y	0.022	0.043	4
LB-27-5.5-6	17B0503-21	Tert-Butyl Methyl Ether		U		Y	0.00096	0.0043	4
LB-27-5.5-6	17B0503-21	Tetrachloroethylene (PCE)		U		Y	0.0014	0.0021	4
LB-27-5.5-6	17B0503-21	Tetrahydrofuran		U		Y	0.0023	0.011	4
LB-27-5.5-6	17B0503-21	Toluene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Toluene-D8	104			Y			4
LB-27-5.5-6	17B0503-21	Trans-1,2-Dichloroethene		U		Y	0.00096	0.0021	4
LB-27-5.5-6	17B0503-21	Trans-1,3-Dichloropropene		U		Y	0.00075	0.0011	4
LB-27-5.5-6	17B0503-21	Trans-1,4-Dichloro-2-Butene		U		Y	0.0022	0.0043	4
LB-27-5.5-6	17B0503-21	Trichloroethylene (TCE)		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	Trichlorofluoromethane		U		Y	0.0012	0.011	4
LB-27-5.5-6	17B0503-21	Vinyl Chloride		U		Y	0.0012	0.011	4
LB-28-10.5-11	17B0503-22	1,1,1,2-Tetrachloroethane		U		Y	0.0023	0.0026	4
LB-28-10.5-11	17B0503-22	1,1,1-Trichloroethane		U		Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	1,1,2,2-Tetrachloroethane		U		Y	0.0012	0.0013	4
LB-28-10.5-11	17B0503-22	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0012	0.013	4
LB-28-10.5-11	17B0503-22	1,1,2-Trichloroethane		U		Y	0.0015	0.0026	4
LB-28-10.5-11	17B0503-22	1,1-Dichloroethane		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	1,1-Dichloroethene		U		Y	0.0014	0.0052	4
LB-28-10.5-11	17B0503-22	1,1-Dichloropropene		U		Y	0.0012	0.0026	4
LB-28-10.5-11	17B0503-22	1,2,3-Trichlorobenzene		U	UJ	Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	1,2,3-Trichloropropane		U		Y	0.0014	0.0026	4
LB-28-10.5-11	17B0503-22	1,2,4-Trichlorobenzene		U	UJ	Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	1,2,4-Trimethylbenzene		U	UJ	Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	1,2-Dibromo-3-Chloropropane		U	UJ	Y	0.0014	0.0052	4
LB-28-10.5-11	17B0503-22	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	1,2-Dichlorobenzene		U	UJ	Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	1,2-Dichloroethane		U		Y	0.0017	0.0026	4
LB-28-10.5-11	17B0503-22	1,2-Dichloroethane-D4	101			Y			4
LB-28-10.5-11	17B0503-22	1,2-Dichloropropane		U		Y	0.0017	0.0026	4
LB-28-10.5-11	17B0503-22	1,3,5-Trichlorobenzene		U	UJ	Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	1,3-Dichlorobenzene		U	UJ	Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	1,3-Dichloropropane		U		Y	0.0009	0.0013	4
LB-28-10.5-11	17B0503-22	1,4-Dichlorobenzene		U	UJ	Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	1,4-Dichlorobenzene-D4	0.077			Y			4
LB-28-10.5-11	17B0503-22	1,4-Difluorobenzene	0.077			Y			4
LB-28-10.5-11	17B0503-22	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.074	0.13	4
LB-28-10.5-11	17B0503-22	2,2-Dichloropropane		U		Y	0.0012	0.0026	4
LB-28-10.5-11	17B0503-22	2-Chlorotoluene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	2-Hexanone		U		Y	0.014	0.026	4
LB-28-10.5-11	17B0503-22	2-Methoxy-2-Methylbutane		U		Y	0.0009	0.0013	4
LB-28-10.5-11	17B0503-22	4-Chlorotoluene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Acetone		U		Y	0.03	0.13	4
LB-28-10.5-11	17B0503-22	Acrylonitrile		U		Y	0.0032	0.0077	4
LB-28-10.5-11	17B0503-22	Benzene		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	Bromobenzene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Bromochloromethane		U		Y	0.0018	0.0026	4
LB-28-10.5-11	17B0503-22	Bromodichloromethane		U		Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	Bromoform		U	UJ	Y	0.0018	0.0026	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-28-10.5-11	17B0503-22	Bromomethane		U		Y	0.0054	0.013	4
LB-28-10.5-11	17B0503-22	Carbon Disulfide		U		Y	0.0055	0.0077	4
LB-28-10.5-11	17B0503-22	Carbon Tetrachloride		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Chlorobenzene		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	Chlorobenzene-D5	0.077			Y			4
LB-28-10.5-11	17B0503-22	Chloroethane		U		Y	0.0019	0.026	4
LB-28-10.5-11	17B0503-22	Chloroform		U		Y	0.0009	0.0052	4
LB-28-10.5-11	17B0503-22	Chloromethane		U		Y	0.0082	0.013	4
LB-28-10.5-11	17B0503-22	Cis-1,2-Dichloroethylene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Cis-1,3-Dichloropropene		U		Y	0.0009	0.0013	4
LB-28-10.5-11	17B0503-22	Cymene		U	UJ	Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Dibromochloromethane		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	Dibromomethane		U		Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	Dichlorodifluoromethane		U		Y	0.0017	0.026	4
LB-28-10.5-11	17B0503-22	Diethyl Ether (Ethyl Ether)		U		Y	0.0023	0.026	4
LB-28-10.5-11	17B0503-22	Ethyl Tert-Butyl Ether		U		Y	0.00077	0.0013	4
LB-28-10.5-11	17B0503-22	Ethylbenzene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Hexachlorobutadiene		U	UJ	Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	Isopropyl Ether		U		Y	0.00077	0.0013	4
LB-28-10.5-11	17B0503-22	Isopropylbenzene (Cumene)		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	m,p-Xylene		U		Y	0.0022	0.0052	4
LB-28-10.5-11	17B0503-22	Methyl Acetate		U		Y	0.0021	0.0026	4
LB-28-10.5-11	17B0503-22	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.023	0.052	4
LB-28-10.5-11	17B0503-22	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0098	0.026	4
LB-28-10.5-11	17B0503-22	Methylcyclohexane		U		Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	Methylene Chloride		U		Y	0.0091	0.026	4
LB-28-10.5-11	17B0503-22	Naphthalene		U	UJ	Y	0.0009	0.0052	4
LB-28-10.5-11	17B0503-22	N-Butylbenzene		U	UJ	Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	N-Propylbenzene		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	p-Bromofluorobenzene	79			Y			4
LB-28-10.5-11	17B0503-22	Pentafluorobenzene	0.077			Y			4
LB-28-10.5-11	17B0503-22	Sec-Butylbenzene		U	UJ	Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	Styrene		U		Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	T-Butylbenzene		U	UJ	Y	0.0012	0.0026	4
LB-28-10.5-11	17B0503-22	Tert-Butyl Alcohol		U	UJ	Y	0.027	0.052	4
LB-28-10.5-11	17B0503-22	Tert-Butyl Methyl Ether		U		Y	0.0012	0.0052	4
LB-28-10.5-11	17B0503-22	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0026	4
LB-28-10.5-11	17B0503-22	Tetrahydrofuran		U		Y	0.0028	0.013	4
LB-28-10.5-11	17B0503-22	Toluene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Toluene-D8	93.8			Y			4
LB-28-10.5-11	17B0503-22	Trans-1,2-Dichloroethene		U		Y	0.0012	0.0026	4
LB-28-10.5-11	17B0503-22	Trans-1,3-Dichloropropene		U		Y	0.0009	0.0013	4
LB-28-10.5-11	17B0503-22	Trans-1,4-Dichloro-2-Butene		U		Y	0.0027	0.0052	4
LB-28-10.5-11	17B0503-22	Trichloroethylene (TCE)		U		Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	Trichlorofluoromethane		U		Y	0.0014	0.013	4
LB-28-10.5-11	17B0503-22	Vinyl Chloride		U		Y	0.0014	0.013	4
LB-28-10.5-11	17B0503-22RE1	1,1,1,2-Tetrachloroethane		U		Y	0.0021	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,1,1-Trichloroethane		U		Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,1,2,2-Tetrachloroethane		U		Y	0.001	0.0012	4
LB-28-10.5-11	17B0503-22RE1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.001	0.012	4
LB-28-10.5-11	17B0503-22RE1	1,1,2-Trichloroethane		U		Y	0.0014	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,1-Dichloroethane		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,1-Dichloroethene		U		Y	0.0013	0.0046	4
LB-28-10.5-11	17B0503-22RE1	1,1-Dichloropropene		U		Y	0.001	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2,3-Trichlorobenzene		U	UJ	Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2,3-Trichloropropane		U		Y	0.0013	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2,4-Trichlorobenzene		U	UJ	Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2,4-Trimethylbenzene	0.0028		JH	Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dibromo-3-Chloropropane		U	UJ	Y	0.0013	0.0046	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dichlorobenzene		U	UJ	Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dichloroethane		U		Y	0.0015	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dichloroethane-D4	103			Y			4
LB-28-10.5-11	17B0503-22RE1	1,2-Dichloropropane		U		Y	0.0015	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,3,5-Trichlorobenzene		U	UJ	Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,3-Dichlorobenzene		U	UJ	Y	0.00081	0.0023	4

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LB-28-10.5-11	17B0503-22RE1	1,3-Dichloropropane		U		Y	0.00081	0.0012	4
LB-28-10.5-11	17B0503-22RE1	1,4-Dichlorobenzene		U	UJ	Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,4-Dichlorobenzene-D4	0.07			Y			4
LB-28-10.5-11	17B0503-22RE1	1,4-Difluorobenzene	0.07			Y			4
LB-28-10.5-11	17B0503-22RE1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.067	0.12	4
LB-28-10.5-11	17B0503-22RE1	2,2-Dichloropropane		U		Y	0.001	0.0023	4
LB-28-10.5-11	17B0503-22RE1	2-Chlorotoluene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	2-Hexanone		U		Y	0.013	0.023	4
LB-28-10.5-11	17B0503-22RE1	2-Methoxy-2-Methylbutane		U		Y	0.00081	0.0012	4
LB-28-10.5-11	17B0503-22RE1	4-Chlorotoluene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Acetone	0.13			Y	0.027	0.12	4
LB-28-10.5-11	17B0503-22RE1	Acrylonitrile		U		Y	0.0029	0.007	4
LB-28-10.5-11	17B0503-22RE1	Benzene		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromobenzene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromochloromethane		U		Y	0.0016	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromodichloromethane		U		Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromoforn		U		Y	0.0016	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromomethane		U		Y	0.0049	0.012	4
LB-28-10.5-11	17B0503-22RE1	Carbon Disulfide		U		Y	0.005	0.007	4
LB-28-10.5-11	17B0503-22RE1	Carbon Tetrachloride		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Chlorobenzene		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Chlorobenzene-D5	0.07			Y			4
LB-28-10.5-11	17B0503-22RE1	Chloroethane		U		Y	0.0017	0.023	4
LB-28-10.5-11	17B0503-22RE1	Chloroform		U		Y	0.00081	0.0046	4
LB-28-10.5-11	17B0503-22RE1	Chloromethane		U		Y	0.0074	0.012	4
LB-28-10.5-11	17B0503-22RE1	Cis-1,2-Dichloroethylene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Cis-1,3-Dichloropropene		U		Y	0.00081	0.0012	4
LB-28-10.5-11	17B0503-22RE1	Cymene		U	UJ	Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Dibromochloromethane		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Dibromomethane		U		Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Dichlorodifluoromethane		U		Y	0.0015	0.023	4
LB-28-10.5-11	17B0503-22RE1	Diethyl Ether (Ethyl Ether)		U		Y	0.0021	0.023	4
LB-28-10.5-11	17B0503-22RE1	Ethyl Tert-Butyl Ether		U		Y	0.0007	0.0012	4
LB-28-10.5-11	17B0503-22RE1	Ethylbenzene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Hexachlorobutadiene		U	UJ	Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Isopropyl Ether		U		Y	0.0007	0.0012	4
LB-28-10.5-11	17B0503-22RE1	Isopropylbenzene (Cumene)		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	m,p-Xylene		U		Y	0.002	0.0046	4
LB-28-10.5-11	17B0503-22RE1	Methyl Acetate		U		Y	0.0019	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.02	0.046	4
LB-28-10.5-11	17B0503-22RE1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0088	0.023	4
LB-28-10.5-11	17B0503-22RE1	Methylcyclohexane	0.0034			Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Methylene Chloride		U		Y	0.0082	0.023	4
LB-28-10.5-11	17B0503-22RE1	Naphthalene	0.0089		JH	Y	0.00081	0.0046	4
LB-28-10.5-11	17B0503-22RE1	N-Butylbenzene		U	UJ	Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	N-Propylbenzene		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	p-Bromofluorobenzene	68.7			Y			4
LB-28-10.5-11	17B0503-22RE1	Pentafluorobenzene	0.07			Y			4
LB-28-10.5-11	17B0503-22RE1	Sec-Butylbenzene		U	UJ	Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Styrene		U		Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	T-Butylbenzene		U	UJ	Y	0.001	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Tert-Butyl Alcohol		U	UJ	Y	0.024	0.046	4
LB-28-10.5-11	17B0503-22RE1	Tert-Butyl Methyl Ether		U		Y	0.001	0.0046	4
LB-28-10.5-11	17B0503-22RE1	Tetrachloroethylene (PCE)		U		Y	0.0015	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Tetrahydrofuran		U		Y	0.0026	0.012	4
LB-28-10.5-11	17B0503-22RE1	Toluene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Toluene-D8	93.1			Y			4
LB-28-10.5-11	17B0503-22RE1	Trans-1,2-Dichloroethene		U		Y	0.001	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Trans-1,3-Dichloropropene		U		Y	0.00081	0.0012	4
LB-28-10.5-11	17B0503-22RE1	Trans-1,4-Dichloro-2-Butene		U		Y	0.0024	0.0046	4
LB-28-10.5-11	17B0503-22RE1	Trichloroethylene (TCE)		U		Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Trichlorofluoromethane		U		Y	0.0013	0.012	4
LB-28-10.5-11	17B0503-22RE1	Vinyl Chloride		U		Y	0.0013	0.012	4
LB-13-3-3.5	17B0503-31	1,1,1,2-Tetrachloroethane		U		Y	0.0022	0.0025	4
LB-13-3-3.5	17B0503-31	1,1,1-Trichloroethane		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	1,1,2,2-Tetrachloroethane		U		Y	0.0011	0.0012	4
LB-13-3-3.5	17B0503-31	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0011	0.012	4

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LB-13-3-3.5	17B0503-31	1,1,2-Trichloroethane		U		Y	0.0015	0.0025	4
LB-13-3-3.5	17B0503-31	1,1-Dichloroethane		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	1,1-Dichloroethene		U		Y	0.0014	0.0049	4
LB-13-3-3.5	17B0503-31	1,1-Dichloropropene		U		Y	0.0011	0.0025	4
LB-13-3-3.5	17B0503-31	1,2,3-Trichlorobenzene		U		Y	0.00074	0.0025	4
LB-13-3-3.5	17B0503-31	1,2,3-Trichloropropane		U		Y	0.0014	0.0025	4
LB-13-3-3.5	17B0503-31	1,2,4-Trichlorobenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	1,2,4-Trimethylbenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0049	4
LB-13-3-3.5	17B0503-31	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	1,2-Dichlorobenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	1,2-Dichloroethane		U		Y	0.0016	0.0025	4
LB-13-3-3.5	17B0503-31	1,2-Dichloroethane-D4	102			Y			4
LB-13-3-3.5	17B0503-31	1,2-Dichloropropane		U		Y	0.0016	0.0025	4
LB-13-3-3.5	17B0503-31	1,3,5-Trichlorobenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00074	0.0025	4
LB-13-3-3.5	17B0503-31	1,3-Dichlorobenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	1,3-Dichloropropane		U		Y	0.00087	0.0012	4
LB-13-3-3.5	17B0503-31	1,4-Dichlorobenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	1,4-Dichlorobenzene-D4	0.074			Y			4
LB-13-3-3.5	17B0503-31	1,4-Difluorobenzene	0.074			Y			4
LB-13-3-3.5	17B0503-31	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.071	0.12	4
LB-13-3-3.5	17B0503-31	2,2-Dichloropropane		U		Y	0.0011	0.0025	4
LB-13-3-3.5	17B0503-31	2-Chlorotoluene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	2-Hexanone		U		Y	0.013	0.025	4
LB-13-3-3.5	17B0503-31	2-Methoxy-2-Methylbutane		U		Y	0.00087	0.0012	4
LB-13-3-3.5	17B0503-31	4-Chlorotoluene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Acetone	0.29			Y	0.029	0.12	4
LB-13-3-3.5	17B0503-31	Acrylonitrile		U		Y	0.0031	0.0074	4
LB-13-3-3.5	17B0503-31	Benzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	Bromobenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Bromochloromethane		U		Y	0.0017	0.0025	4
LB-13-3-3.5	17B0503-31	Bromodichloromethane		U		Y	0.00074	0.0025	4
LB-13-3-3.5	17B0503-31	Bromoform		U		Y	0.0017	0.0025	4
LB-13-3-3.5	17B0503-31	Bromomethane		U		Y	0.0052	0.012	4
LB-13-3-3.5	17B0503-31	Carbon Disulfide		U		Y	0.0053	0.0074	4
LB-13-3-3.5	17B0503-31	Carbon Tetrachloride		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Chlorobenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	Chlorobenzene-D5	0.074			Y			4
LB-13-3-3.5	17B0503-31	Chloroethane		U		Y	0.0019	0.025	4
LB-13-3-3.5	17B0503-31	Chloroform		U		Y	0.00087	0.0049	4
LB-13-3-3.5	17B0503-31	Chloromethane		U		Y	0.0079	0.012	4
LB-13-3-3.5	17B0503-31	Cis-1,2-Dichloroethylene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Cis-1,3-Dichloropropene		U		Y	0.00087	0.0012	4
LB-13-3-3.5	17B0503-31	Cymene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Dibromochloromethane		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	Dibromomethane		U		Y	0.00074	0.0025	4
LB-13-3-3.5	17B0503-31	Dichlorodifluoromethane		U		Y	0.0016	0.025	4
LB-13-3-3.5	17B0503-31	Diethyl Ether (Ethyl Ether)		U		Y	0.0022	0.025	4
LB-13-3-3.5	17B0503-31	Ethyl Tert-Butyl Ether		U		Y	0.00074	0.0012	4
LB-13-3-3.5	17B0503-31	Ethylbenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Hexachlorobutadiene		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	Isopropyl Ether		U		Y	0.00074	0.0012	4
LB-13-3-3.5	17B0503-31	Isopropylbenzene (Cumene)		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	m,p-Xylene		U		Y	0.0021	0.0049	4
LB-13-3-3.5	17B0503-31	Methyl Acetate		U		Y	0.002	0.0025	4
LB-13-3-3.5	17B0503-31	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.022	0.049	4
LB-13-3-3.5	17B0503-31	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0094	0.025	4
LB-13-3-3.5	17B0503-31	Methylcyclohexane	0.005			Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	Methylene Chloride		U		Y	0.0088	0.025	4
LB-13-3-3.5	17B0503-31	Naphthalene		U		Y	0.00087	0.0049	4
LB-13-3-3.5	17B0503-31	N-Butylbenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	N-Propylbenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	p-Bromofluorobenzene	98.2			Y			4
LB-13-3-3.5	17B0503-31	Pentafluorobenzene	0.074			Y			4
LB-13-3-3.5	17B0503-31	Sec-Butylbenzene		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	Styrene		U		Y	0.00074	0.0025	4

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LB-13-3-3.5	17B0503-31	T-Butylbenzene		U		Y	0.0011	0.0025	4
LB-13-3-3.5	17B0503-31	Tert-Butyl Alcohol		U	UJ	Y	0.026	0.049	4
LB-13-3-3.5	17B0503-31	Tert-Butyl Methyl Ether		U		Y	0.0011	0.0049	4
LB-13-3-3.5	17B0503-31	Tetrachloroethylene (PCE)		U		Y	0.0016	0.0025	4
LB-13-3-3.5	17B0503-31	Tetrahydrofuran		U		Y	0.0027	0.012	4
LB-13-3-3.5	17B0503-31	Toluene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Toluene-D8	104			Y			4
LB-13-3-3.5	17B0503-31	Trans-1,2-Dichloroethene		U		Y	0.0011	0.0025	4
LB-13-3-3.5	17B0503-31	Trans-1,3-Dichloropropene		U		Y	0.00087	0.0012	4
LB-13-3-3.5	17B0503-31	Trans-1,4-Dichloro-2-Butene		U		Y	0.0026	0.0049	4
LB-13-3-3.5	17B0503-31	Trichloroethylene (TCE)		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	Trichlorofluoromethane		U		Y	0.0014	0.012	4
LB-13-3-3.5	17B0503-31	Vinyl Chloride		U		Y	0.0014	0.012	4
LB-13-5-5.5	17B0503-32	1,1,1,2-Tetrachloroethane		U		Y	0.0022	0.0024	4
LB-13-5-5.5	17B0503-32	1,1,1-Trichloroethane		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	1,1,2,2-Tetrachloroethane		U		Y	0.0011	0.0012	4
LB-13-5-5.5	17B0503-32	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0011	0.012	4
LB-13-5-5.5	17B0503-32	1,1,2-Trichloroethane		U		Y	0.0014	0.0024	4
LB-13-5-5.5	17B0503-32	1,1-Dichloroethane		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	1,1-Dichloroethene		U		Y	0.0013	0.0048	4
LB-13-5-5.5	17B0503-32	1,1-Dichloropropene		U		Y	0.0011	0.0024	4
LB-13-5-5.5	17B0503-32	1,2,3-Trichlorobenzene		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	1,2,3-Trichloropropane		U		Y	0.0013	0.0024	4
LB-13-5-5.5	17B0503-32	1,2,4-Trichlorobenzene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	1,2,4-Trimethylbenzene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	1,2-Dibromo-3-Chloropropane		U		Y	0.0013	0.0048	4
LB-13-5-5.5	17B0503-32	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	1,2-Dichlorobenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	1,2-Dichloroethane		U		Y	0.0016	0.0024	4
LB-13-5-5.5	17B0503-32	1,2-Dichloroethane-D4	95.8			Y			4
LB-13-5-5.5	17B0503-32	1,2-Dichloropropane		U		Y	0.0016	0.0024	4
LB-13-5-5.5	17B0503-32	1,3,5-Trichlorobenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	1,3-Dichlorobenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	1,3-Dichloropropane		U		Y	0.00084	0.0012	4
LB-13-5-5.5	17B0503-32	1,4-Dichlorobenzene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	1,4-Dichlorobenzene-D4	0.072			Y			4
LB-13-5-5.5	17B0503-32	1,4-Difluorobenzene	0.072			Y			4
LB-13-5-5.5	17B0503-32	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.069	0.12	4
LB-13-5-5.5	17B0503-32	2,2-Dichloropropane		U		Y	0.0011	0.0024	4
LB-13-5-5.5	17B0503-32	2-Chlorotoluene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	2-Hexanone		U		Y	0.013	0.024	4
LB-13-5-5.5	17B0503-32	2-Methoxy-2-Methylbutane		U		Y	0.00084	0.0012	4
LB-13-5-5.5	17B0503-32	4-Chlorotoluene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Acetone		U		Y	0.028	0.12	4
LB-13-5-5.5	17B0503-32	Acrylonitrile		U		Y	0.003	0.0072	4
LB-13-5-5.5	17B0503-32	Benzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	Bromobenzene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Bromochloromethane		U		Y	0.0017	0.0024	4
LB-13-5-5.5	17B0503-32	Bromodichloromethane		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	Bromoform		U		Y	0.0017	0.0024	4
LB-13-5-5.5	17B0503-32	Bromomethane		U		Y	0.005	0.012	4
LB-13-5-5.5	17B0503-32	Carbon Disulfide		U		Y	0.0052	0.0072	4
LB-13-5-5.5	17B0503-32	Carbon Tetrachloride		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Chlorobenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	Chlorobenzene-D5	0.072			Y			4
LB-13-5-5.5	17B0503-32	Chloroethane		U		Y	0.0018	0.024	4
LB-13-5-5.5	17B0503-32	Chloroform		U		Y	0.00084	0.0048	4
LB-13-5-5.5	17B0503-32	Chloromethane		U		Y	0.0077	0.012	4
LB-13-5-5.5	17B0503-32	Cis-1,2-Dichloroethylene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Cis-1,3-Dichloropropene		U		Y	0.00084	0.0012	4
LB-13-5-5.5	17B0503-32	Cymene	0.004			Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Dibromochloromethane		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	Dibromomethane		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	Dichlorodifluoromethane		U		Y	0.0016	0.024	4
LB-13-5-5.5	17B0503-32	Diethyl Ether (Ethyl Ether)		U		Y	0.0022	0.024	4
LB-13-5-5.5	17B0503-32	Ethyl Tert-Butyl Ether		U		Y	0.00072	0.0012	4
LB-13-5-5.5	17B0503-32	Ethylbenzene		U		Y	0.00096	0.0024	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-13-5-5.5	17B0503-32	Hexachlorobutadiene		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	Isopropyl Ether		U		Y	0.00072	0.0012	4
LB-13-5-5.5	17B0503-32	Isopropylbenzene (Cumene)		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	m,p-Xylene		U		Y	0.002	0.0048	4
LB-13-5-5.5	17B0503-32	Methyl Acetate		U		Y	0.0019	0.0024	4
LB-13-5-5.5	17B0503-32	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.021	0.048	4
LB-13-5-5.5	17B0503-32	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0091	0.024	4
LB-13-5-5.5	17B0503-32	Methylcyclohexane	0.0042			Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	Methylene Chloride		U		Y	0.0085	0.024	4
LB-13-5-5.5	17B0503-32	Naphthalene		U		Y	0.00084	0.0048	4
LB-13-5-5.5	17B0503-32	N-Butylbenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	N-Propylbenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	p-Bromofluorobenzene	97.3			Y			4
LB-13-5-5.5	17B0503-32	Pentafluorobenzene	0.072			Y			4
LB-13-5-5.5	17B0503-32	Sec-Butylbenzene		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	Styrene		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	T-Butylbenzene		U		Y	0.0011	0.0024	4
LB-13-5-5.5	17B0503-32	Tert-Butyl Alcohol		U	UJ	Y	0.025	0.048	4
LB-13-5-5.5	17B0503-32	Tert-Butyl Methyl Ether		U		Y	0.0011	0.0048	4
LB-13-5-5.5	17B0503-32	Tetrachloroethylene (PCE)		U		Y	0.0016	0.0024	4
LB-13-5-5.5	17B0503-32	Tetrahydrofuran		U		Y	0.0026	0.012	4
LB-13-5-5.5	17B0503-32	Toluene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Toluene-D8	100			Y			4
LB-13-5-5.5	17B0503-32	Trans-1,2-Dichloroethene		U		Y	0.0011	0.0024	4
LB-13-5-5.5	17B0503-32	Trans-1,3-Dichloropropene		U		Y	0.00084	0.0012	4
LB-13-5-5.5	17B0503-32	Trans-1,4-Dichloro-2-Butene		U		Y	0.0025	0.0048	4
LB-13-5-5.5	17B0503-32	Trichloroethylene (TCE)		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	Trichlorofluoromethane		U		Y	0.0013	0.012	4
LB-13-5-5.5	17B0503-32	Vinyl Chloride		U		Y	0.0013	0.012	4
LB-14-3.5-4	17B0503-33	1,1,1,2-Tetrachloroethane		U		Y	0.0088	0.074	4
LB-14-3.5-4	17B0503-33	1,1,1-Trichloroethane		U		Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	1,1,2,2-Tetrachloroethane		U		Y	0.012	0.037	4
LB-14-3.5-4	17B0503-33	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.014	0.074	4
LB-14-3.5-4	17B0503-33	1,1,2-Trichloroethane		U		Y	0.017	0.074	4
LB-14-3.5-4	17B0503-33	1,1-Dichloroethane		U		Y	0.012	0.074	4
LB-14-3.5-4	17B0503-33	1,1-Dichloroethene		U		Y	0.015	0.074	4
LB-14-3.5-4	17B0503-33	1,1-Dichloropropene		U		Y	0.0094	0.15	4
LB-14-3.5-4	17B0503-33	1,2,3-Trichlorobenzene		U		Y	0.01	0.37	4
LB-14-3.5-4	17B0503-33	1,2,3-Trichloropropane		U		Y	0.016	0.15	4
LB-14-3.5-4	17B0503-33	1,2,4-Trichlorobenzene		U		Y	0.014	0.074	4
LB-14-3.5-4	17B0503-33	1,2,4-Trimethylbenzene	4.8			Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	1,2-Dibromo-3-Chloropropane		U		Y	0.027	0.37	4
LB-14-3.5-4	17B0503-33	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.011	0.037	4
LB-14-3.5-4	17B0503-33	1,2-Dichlorobenzene		U		Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	1,2-Dichloroethane		U		Y	0.014	0.074	4
LB-14-3.5-4	17B0503-33	1,2-Dichloroethane-D4	98			Y			4
LB-14-3.5-4	17B0503-33	1,2-Dichloropropane		U		Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	1,3,5-Trichlorobenzene		U		Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	1,3,5-Trimethylbenzene (Mesitylene)	1.9			Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	1,3-Dichlorobenzene		U		Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	1,3-Dichloropropane		U		Y	0.0096	0.037	4
LB-14-3.5-4	17B0503-33	1,4-Dichlorobenzene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	1,4-Dichlorobenzene-D4	30			Y			4
LB-14-3.5-4	17B0503-33	1,4-Difluorobenzene	30			Y			4
LB-14-3.5-4	17B0503-33	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2	3.7	4
LB-14-3.5-4	17B0503-33	2,2-Dichloropropane		U		Y	0.016	0.074	4
LB-14-3.5-4	17B0503-33	2-Chlorotoluene		U		Y	0.0088	0.074	4
LB-14-3.5-4	17B0503-33	2-Hexanone		U		Y	0.11	0.74	4
LB-14-3.5-4	17B0503-33	2-Methoxy-2-Methylbutane		U		Y	0.0078	0.037	4
LB-14-3.5-4	17B0503-33	4-Chlorotoluene		U		Y	0.01	0.074	4
LB-14-3.5-4	17B0503-33	Acetone		U		Y	0.36	3.7	4
LB-14-3.5-4	17B0503-33	Acrylonitrile		U		Y	0.043	0.37	4
LB-14-3.5-4	17B0503-33	Benzene	0.27		J	Y	0.0088	0.074	4
LB-14-3.5-4	17B0503-33	Bromobenzene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	Bromochloromethane		U		Y	0.016	0.074	4
LB-14-3.5-4	17B0503-33	Bromodichloromethane		U		Y	0.022	0.074	4
LB-14-3.5-4	17B0503-33	Bromoform		U		Y	0.015	0.15	4

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LB-14-3.5-4	17B0503-33	Bromomethane		U		Y	0.069	0.15	4
LB-14-3.5-4	17B0503-33	Carbon Disulfide		U		Y	0.075	0.22	4
LB-14-3.5-4	17B0503-33	Carbon Tetrachloride		U		Y	0.018	0.074	4
LB-14-3.5-4	17B0503-33	Chlorobenzene		U		Y	0.012	0.074	4
LB-14-3.5-4	17B0503-33	Chlorobenzene-D5	30			Y			4
LB-14-3.5-4	17B0503-33	Chloroethane		U		Y	0.021	0.15	4
LB-14-3.5-4	17B0503-33	Chloroform		U		Y	0.016	0.15	4
LB-14-3.5-4	17B0503-33	Chloromethane		U	UU	Y	0.041	0.15	4
LB-14-3.5-4	17B0503-33	Cis-1,2-Dichloroethylene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	Cis-1,3-Dichloropropene		U		Y	0.0088	0.037	4
LB-14-3.5-4	17B0503-33	Cymene	0.16			Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	Dibromochloromethane		U		Y	0.0077	0.037	4
LB-14-3.5-4	17B0503-33	Dibromomethane		U		Y	0.012	0.074	4
LB-14-3.5-4	17B0503-33	Dichlorodifluoromethane		U		Y	0.021	0.15	4
LB-14-3.5-4	17B0503-33	Diethyl Ether (Ethyl Ether)		U		Y	0.016	0.15	4
LB-14-3.5-4	17B0503-33	Ethyl Tert-Butyl Ether		U		Y	0.007	0.037	4
LB-14-3.5-4	17B0503-33	Ethylbenzene	1.4		J	Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	Hexachlorobutadiene		U		Y	0.043	0.074	4
LB-14-3.5-4	17B0503-33	Isopropyl Ether		U		Y	0.013	0.037	4
LB-14-3.5-4	17B0503-33	Isopropylbenzene (Cumene)	1.3		J	Y	0.0088	0.074	4
LB-14-3.5-4	17B0503-33	m,p-Xylene	4.3		J	Y	0.019	0.15	4
LB-14-3.5-4	17B0503-33	Methyl Acetate		U		Y	0.031	0.74	4
LB-14-3.5-4	17B0503-33	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.17	1.5	4
LB-14-3.5-4	17B0503-33	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.11	0.74	4
LB-14-3.5-4	17B0503-33	Methylcyclohexane	2.3		J	Y	0.046	0.074	4
LB-14-3.5-4	17B0503-33	Methylene Chloride		U		Y	0.23	0.37	4
LB-14-3.5-4	17B0503-33	Naphthalene	2.6			Y	0.0089	0.15	4
LB-14-3.5-4	17B0503-33	N-Butylbenzene	13			Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	N-Propylbenzene	9.9		J	Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	O-Xylene (1,2-Dimethylbenzene)	0.6		J	Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	p-Bromofluorobenzene	114			Y			4
LB-14-3.5-4	17B0503-33	Pentafluorobenzene	30			Y			4
LB-14-3.5-4	17B0503-33	Sec-Butylbenzene	5			Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	Styrene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	T-Butylbenzene	0.21			Y	0.0089	0.074	4
LB-14-3.5-4	17B0503-33	Tert-Butyl Alcohol		U		Y	0.16	1.5	4
LB-14-3.5-4	17B0503-33	Tert-Butyl Methyl Ether		U		Y	0.0066	0.074	4
LB-14-3.5-4	17B0503-33	Tetrachloroethylene (PCE)		U		Y	0.02	0.074	4
LB-14-3.5-4	17B0503-33	Tetrahydrofuran		U		Y	0.079	0.74	4
LB-14-3.5-4	17B0503-33	Toluene	2		J	Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	Toluene-D8	101			Y			4
LB-14-3.5-4	17B0503-33	Trans-1,2-Dichloroethene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	Trans-1,3-Dichloropropene		U		Y	0.0082	0.037	4
LB-14-3.5-4	17B0503-33	Trans-1,4-Dichloro-2-Butene		U		Y	0.023	0.15	4
LB-14-3.5-4	17B0503-33	Trichloroethylene (TCE)		U		Y	0.015	0.074	4
LB-14-3.5-4	17B0503-33	Trichlorofluoromethane		U		Y	0.011	0.15	4
LB-14-3.5-4	17B0503-33	Vinyl Chloride		U		Y	0.0098	0.15	4
LB-14-5-5.5	17B0503-34	1,1,1,2-Tetrachloroethane		U		Y	0.0024	0.0026	4
LB-14-5-5.5	17B0503-34	1,1,1-Trichloroethane		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	1,1,2,2-Tetrachloroethane		U		Y	0.0012	0.0013	4
LB-14-5-5.5	17B0503-34	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0012	0.013	4
LB-14-5-5.5	17B0503-34	1,1,2-Trichloroethane		U		Y	0.0016	0.0026	4
LB-14-5-5.5	17B0503-34	1,1-Dichloroethane		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	1,1-Dichloroethene		U		Y	0.0014	0.0052	4
LB-14-5-5.5	17B0503-34	1,1-Dichloropropene		U		Y	0.0012	0.0026	4
LB-14-5-5.5	17B0503-34	1,2,3-Trichlorobenzene		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	1,2,3-Trichloropropane		U		Y	0.0014	0.0026	4
LB-14-5-5.5	17B0503-34	1,2,4-Trichlorobenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	1,2,4-Trimethylbenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0052	4
LB-14-5-5.5	17B0503-34	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	1,2-Dichlorobenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	1,2-Dichloroethane		U		Y	0.0017	0.0026	4
LB-14-5-5.5	17B0503-34	1,2-Dichloroethane-D4	103			Y			4
LB-14-5-5.5	17B0503-34	1,2-Dichloropropane		U		Y	0.0017	0.0026	4
LB-14-5-5.5	17B0503-34	1,3,5-Trichlorobenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	1,3-Dichlorobenzene		U		Y	0.00092	0.0026	4

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LB-14-5-5.5	17B0503-34	1,3-Dichloropropane		U		Y	0.00092	0.0013	4
LB-14-5-5.5	17B0503-34	1,4-Dichlorobenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	1,4-Dichlorobenzene-D4	0.079			Y			4
LB-14-5-5.5	17B0503-34	1,4-Difluorobenzene	0.079			Y			4
LB-14-5-5.5	17B0503-34	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.075	0.13	4
LB-14-5-5.5	17B0503-34	2,2-Dichloropropane		U		Y	0.0012	0.0026	4
LB-14-5-5.5	17B0503-34	2-Chlorotoluene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	2-Hexanone		U		Y	0.014	0.026	4
LB-14-5-5.5	17B0503-34	2-Methoxy-2-Methylbutane		U		Y	0.00092	0.0013	4
LB-14-5-5.5	17B0503-34	4-Chlorotoluene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Acetone	0.18			Y	0.031	0.13	4
LB-14-5-5.5	17B0503-34	Acrylonitrile		U		Y	0.0033	0.0079	4
LB-14-5-5.5	17B0503-34	Benzene	0.0041			Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	Bromobenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Bromochloromethane		U		Y	0.0018	0.0026	4
LB-14-5-5.5	17B0503-34	Bromodichloromethane		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	Bromoform		U		Y	0.0018	0.0026	4
LB-14-5-5.5	17B0503-34	Bromomethane		U		Y	0.0055	0.013	4
LB-14-5-5.5	17B0503-34	Carbon Disulfide		U		Y	0.0056	0.0079	4
LB-14-5-5.5	17B0503-34	Carbon Tetrachloride		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Chlorobenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	Chlorobenzene-D5	0.079			Y			4
LB-14-5-5.5	17B0503-34	Chloroethane		U		Y	0.002	0.026	4
LB-14-5-5.5	17B0503-34	Chloroform		U		Y	0.00092	0.0052	4
LB-14-5-5.5	17B0503-34	Chloromethane		U		Y	0.0084	0.013	4
LB-14-5-5.5	17B0503-34	Cis-1,2-Dichloroethylene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Cis-1,3-Dichloropropene		U		Y	0.00092	0.0013	4
LB-14-5-5.5	17B0503-34	Cymene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Dibromochloromethane		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	Dibromomethane		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	Dichlorodifluoromethane		U		Y	0.0017	0.026	4
LB-14-5-5.5	17B0503-34	Diethyl Ether (Ethyl Ether)		U		Y	0.0024	0.026	4
LB-14-5-5.5	17B0503-34	Ethyl Tert-Butyl Ether		U		Y	0.00079	0.0013	4
LB-14-5-5.5	17B0503-34	Ethylbenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Hexachlorobutadiene		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	Isopropyl Ether		U		Y	0.00079	0.0013	4
LB-14-5-5.5	17B0503-34	Isopropylbenzene (Cumene)		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	m,p-Xylene		U		Y	0.0022	0.0052	4
LB-14-5-5.5	17B0503-34	Methyl Acetate		U		Y	0.0021	0.0026	4
LB-14-5-5.5	17B0503-34	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.023	0.052	4
LB-14-5-5.5	17B0503-34	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0099	0.026	4
LB-14-5-5.5	17B0503-34	Methylcyclohexane	0.01			Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	Methylene Chloride		U		Y	0.0093	0.026	4
LB-14-5-5.5	17B0503-34	Naphthalene		U		Y	0.00092	0.0052	4
LB-14-5-5.5	17B0503-34	N-Butylbenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	N-Propylbenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	p-Bromofluorobenzene	99.6			Y			4
LB-14-5-5.5	17B0503-34	Pentafluorobenzene	0.079			Y			4
LB-14-5-5.5	17B0503-34	Sec-Butylbenzene		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	Styrene		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	T-Butylbenzene		U		Y	0.0012	0.0026	4
LB-14-5-5.5	17B0503-34	Tert-Butyl Alcohol		U	UJ	Y	0.027	0.052	4
LB-14-5-5.5	17B0503-34	Tert-Butyl Methyl Ether		U		Y	0.0012	0.0052	4
LB-14-5-5.5	17B0503-34	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0026	4
LB-14-5-5.5	17B0503-34	Tetrahydrofuran		U		Y	0.0029	0.013	4
LB-14-5-5.5	17B0503-34	Toluene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Toluene-D8	99.6			Y			4
LB-14-5-5.5	17B0503-34	Trans-1,2-Dichloroethene		U		Y	0.0012	0.0026	4
LB-14-5-5.5	17B0503-34	Trans-1,3-Dichloropropene		U		Y	0.00092	0.0013	4
LB-14-5-5.5	17B0503-34	Trans-1,4-Dichloro-2-Butene		U		Y	0.0027	0.0052	4
LB-14-5-5.5	17B0503-34	Trichloroethylene (TCE)		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	Trichlorofluoromethane		U		Y	0.0014	0.013	4
LB-14-5-5.5	17B0503-34	Vinyl Chloride		U		Y	0.0014	0.013	4
LB-14-10-10.5	17B0503-35	1,1,1,2-Tetrachloroethane		U		Y	0.0023	0.0026	4
LB-14-10-10.5	17B0503-35	1,1,1-Trichloroethane		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	1,1,2,2-Tetrachloroethane		U		Y	0.0011	0.0013	4
LB-14-10-10.5	17B0503-35	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0011	0.013	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-10-10.5	17B0503-35	1,1,2-Trichloroethane	0.0026			Y	0.0015	0.0026	4
LB-14-10-10.5	17B0503-35	1,1-Dichloroethane		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	1,1-Dichloroethene		U		Y	0.0014	0.0051	4
LB-14-10-10.5	17B0503-35	1,1-Dichloropropene		U		Y	0.0011	0.0026	4
LB-14-10-10.5	17B0503-35	1,2,3-Trichlorobenzene		U		Y	0.00077	0.0026	4
LB-14-10-10.5	17B0503-35	1,2,3-Trichloropropane		U		Y	0.0014	0.0026	4
LB-14-10-10.5	17B0503-35	1,2,4-Trichlorobenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	1,2,4-Trimethylbenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0051	4
LB-14-10-10.5	17B0503-35	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	1,2-Dichlorobenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	1,2-Dichloroethane		U		Y	0.0017	0.0026	4
LB-14-10-10.5	17B0503-35	1,2-Dichloroethane-D4	96.3			Y			4
LB-14-10-10.5	17B0503-35	1,2-Dichloropropane		U		Y	0.0017	0.0026	4
LB-14-10-10.5	17B0503-35	1,3,5-Trichlorobenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00077	0.0026	4
LB-14-10-10.5	17B0503-35	1,3-Dichlorobenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	1,3-Dichloropropane		U		Y	0.00089	0.0013	4
LB-14-10-10.5	17B0503-35	1,4-Dichlorobenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	1,4-Dichlorobenzene-D4	0.077			Y			4
LB-14-10-10.5	17B0503-35	1,4-Difluorobenzene	0.077			Y			4
LB-14-10-10.5	17B0503-35	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.074	0.13	4
LB-14-10-10.5	17B0503-35	2,2-Dichloropropane		U		Y	0.0011	0.0026	4
LB-14-10-10.5	17B0503-35	2-Chlorotoluene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	2-Hexanone		U		Y	0.014	0.026	4
LB-14-10-10.5	17B0503-35	2-Methoxy-2-Methylbutane		U		Y	0.00089	0.0013	4
LB-14-10-10.5	17B0503-35	4-Chlorotoluene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Acetone		U		Y	0.03	0.13	4
LB-14-10-10.5	17B0503-35	Acrylonitrile		U		Y	0.0032	0.0077	4
LB-14-10-10.5	17B0503-35	Benzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	Bromobenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Bromochloromethane		U		Y	0.0018	0.0026	4
LB-14-10-10.5	17B0503-35	Bromodichloromethane		U		Y	0.00077	0.0026	4
LB-14-10-10.5	17B0503-35	Bromoform		U		Y	0.0018	0.0026	4
LB-14-10-10.5	17B0503-35	Bromomethane		U		Y	0.0054	0.013	4
LB-14-10-10.5	17B0503-35	Carbon Disulfide		U		Y	0.0055	0.0077	4
LB-14-10-10.5	17B0503-35	Carbon Tetrachloride		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Chlorobenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	Chlorobenzene-D5	0.077			Y			4
LB-14-10-10.5	17B0503-35	Chloroethane		U		Y	0.0019	0.026	4
LB-14-10-10.5	17B0503-35	Chloroform		U		Y	0.00089	0.0051	4
LB-14-10-10.5	17B0503-35	Chloromethane		U		Y	0.0082	0.013	4
LB-14-10-10.5	17B0503-35	Cis-1,2-Dichloroethylene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Cis-1,3-Dichloropropene		U		Y	0.00089	0.0013	4
LB-14-10-10.5	17B0503-35	Cymene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Dibromochloromethane		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	Dibromomethane		U		Y	0.00077	0.0026	4
LB-14-10-10.5	17B0503-35	Dichlorodifluoromethane		U		Y	0.0017	0.026	4
LB-14-10-10.5	17B0503-35	Diethyl Ether (Ethyl Ether)		U		Y	0.0023	0.026	4
LB-14-10-10.5	17B0503-35	Ethyl Tert-Butyl Ether		U		Y	0.00077	0.0013	4
LB-14-10-10.5	17B0503-35	Ethylbenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Hexachlorobutadiene		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	Isopropyl Ether		U		Y	0.00077	0.0013	4
LB-14-10-10.5	17B0503-35	Isopropylbenzene (Cumene)		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	m,p-Xylene		U		Y	0.0022	0.0051	4
LB-14-10-10.5	17B0503-35	Methyl Acetate	0.003		J	Y	0.002	0.0026	4
LB-14-10-10.5	17B0503-35	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.022	0.051	4
LB-14-10-10.5	17B0503-35	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0097	0.026	4
LB-14-10-10.5	17B0503-35	Methylcyclohexane	0.01			Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	Methylene Chloride		U		Y	0.0091	0.026	4
LB-14-10-10.5	17B0503-35	Naphthalene		U		Y	0.00089	0.0051	4
LB-14-10-10.5	17B0503-35	N-Butylbenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	N-Propylbenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	p-Bromofluorobenzene	95.5			Y			4
LB-14-10-10.5	17B0503-35	Pentafluorobenzene	0.077			Y			4
LB-14-10-10.5	17B0503-35	Sec-Butylbenzene		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	Styrene		U		Y	0.00077	0.0026	4

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LB-14-10-10.5	17B0503-35	T-Butylbenzene		U		Y	0.0011	0.0026	4
LB-14-10-10.5	17B0503-35	Tert-Butyl Alcohol		U	UJ	Y	0.027	0.051	4
LB-14-10-10.5	17B0503-35	Tert-Butyl Methyl Ether		U		Y	0.0011	0.0051	4
LB-14-10-10.5	17B0503-35	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0026	4
LB-14-10-10.5	17B0503-35	Tetrahydrofuran		U		Y	0.0028	0.013	4
LB-14-10-10.5	17B0503-35	Toluene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Toluene-D8	102			Y			4
LB-14-10-10.5	17B0503-35	Trans-1,2-Dichloroethene		U		Y	0.0011	0.0026	4
LB-14-10-10.5	17B0503-35	Trans-1,3-Dichloropropene		U		Y	0.00089	0.0013	4
LB-14-10-10.5	17B0503-35	Trans-1,4-Dichloro-2-Butene		U		Y	0.0027	0.0051	4
LB-14-10-10.5	17B0503-35	Trichloroethylene (TCE)		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	Trichlorofluoromethane		U		Y	0.0014	0.013	4
LB-14-10-10.5	17B0503-35	Vinyl Chloride		U		Y	0.0014	0.013	4
LB-15-3.5-4	17B0503-36	1,1,1,2-Tetrachloroethane		U		Y	0.0024	0.0027	4
LB-15-3.5-4	17B0503-36	1,1,1-Trichloroethane		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	1,1,2,2-Tetrachloroethane		U		Y	0.0012	0.0013	4
LB-15-3.5-4	17B0503-36	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0012	0.013	4
LB-15-3.5-4	17B0503-36	1,1,2-Trichloroethane		U		Y	0.0016	0.0027	4
LB-15-3.5-4	17B0503-36	1,1-Dichloroethane	0.0028			Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	1,1-Dichloroethene		U		Y	0.0015	0.0053	4
LB-15-3.5-4	17B0503-36	1,1-Dichloropropene		U		Y	0.0012	0.0027	4
LB-15-3.5-4	17B0503-36	1,2,3-Trichlorobenzene		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	1,2,3-Trichloropropane		U		Y	0.0015	0.0027	4
LB-15-3.5-4	17B0503-36	1,2,4-Trichlorobenzene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	1,2,4-Trimethylbenzene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	1,2-Dibromo-3-Chloropropane		U		Y	0.0015	0.0053	4
LB-15-3.5-4	17B0503-36	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	1,2-Dichlorobenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	1,2-Dichloroethane		U		Y	0.0017	0.0027	4
LB-15-3.5-4	17B0503-36	1,2-Dichloroethane-D4	102			Y			4
LB-15-3.5-4	17B0503-36	1,2-Dichloropropane		U		Y	0.0017	0.0027	4
LB-15-3.5-4	17B0503-36	1,3,5-Trichlorobenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	1,3-Dichlorobenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	1,3-Dichloropropane		U		Y	0.00093	0.0013	4
LB-15-3.5-4	17B0503-36	1,4-Dichlorobenzene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	1,4-Dichlorobenzene-D4	0.08			Y			4
LB-15-3.5-4	17B0503-36	1,4-Difluorobenzene	0.08			Y			4
LB-15-3.5-4	17B0503-36	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.076	0.13	4
LB-15-3.5-4	17B0503-36	2,2-Dichloropropane		U		Y	0.0012	0.0027	4
LB-15-3.5-4	17B0503-36	2-Chlorotoluene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	2-Hexanone		U		Y	0.014	0.027	4
LB-15-3.5-4	17B0503-36	2-Methoxy-2-Methylbutane		U		Y	0.00093	0.0013	4
LB-15-3.5-4	17B0503-36	4-Chlorotoluene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Acetone	0.19			Y	0.031	0.13	4
LB-15-3.5-4	17B0503-36	Acrylonitrile		U		Y	0.0033	0.008	4
LB-15-3.5-4	17B0503-36	Benzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	Bromobenzene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Bromochloromethane		U		Y	0.0019	0.0027	4
LB-15-3.5-4	17B0503-36	Bromodichloromethane		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	Bromoform		U		Y	0.0019	0.0027	4
LB-15-3.5-4	17B0503-36	Bromomethane		U		Y	0.0056	0.013	4
LB-15-3.5-4	17B0503-36	Carbon Disulfide		U		Y	0.0057	0.008	4
LB-15-3.5-4	17B0503-36	Carbon Tetrachloride		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Chlorobenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	Chlorobenzene-D5	0.08			Y			4
LB-15-3.5-4	17B0503-36	Chloroethane		U		Y	0.002	0.027	4
LB-15-3.5-4	17B0503-36	Chloroform		U		Y	0.00093	0.0053	4
LB-15-3.5-4	17B0503-36	Chloromethane		U		Y	0.0085	0.013	4
LB-15-3.5-4	17B0503-36	Cis-1,2-Dichloroethylene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Cis-1,3-Dichloropropene		U		Y	0.00093	0.0013	4
LB-15-3.5-4	17B0503-36	Cymene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Dibromochloromethane		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	Dibromomethane		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	Dichlorodifluoromethane		U		Y	0.0017	0.027	4
LB-15-3.5-4	17B0503-36	Diethyl Ether (Ethyl Ether)		U		Y	0.0024	0.027	4
LB-15-3.5-4	17B0503-36	Ethyl Tert-Butyl Ether		U		Y	0.0008	0.0013	4
LB-15-3.5-4	17B0503-36	Ethylbenzene		U		Y	0.0011	0.0027	4

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LB-15-3.5-4	17B0503-36	Hexachlorobutadiene		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	Isopropyl Ether		U		Y	0.0008	0.0013	4
LB-15-3.5-4	17B0503-36	Isopropylbenzene (Cumene)		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	m,p-Xylene		U		Y	0.0023	0.0053	4
LB-15-3.5-4	17B0503-36	Methyl Acetate		U		Y	0.0021	0.0027	4
LB-15-3.5-4	17B0503-36	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.023	0.053	4
LB-15-3.5-4	17B0503-36	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.01	0.027	4
LB-15-3.5-4	17B0503-36	Methylcyclohexane		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	Methylene Chloride		U		Y	0.0094	0.027	4
LB-15-3.5-4	17B0503-36	Naphthalene		U		Y	0.00093	0.0053	4
LB-15-3.5-4	17B0503-36	N-Butylbenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	N-Propylbenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	O-Xylene (1,2-Dimethylbenzene)	0.0027			Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	p-Bromofluorobenzene	99.2			Y			4
LB-15-3.5-4	17B0503-36	Pentafluorobenzene	0.08			Y			4
LB-15-3.5-4	17B0503-36	Sec-Butylbenzene		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	Styrene		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	T-Butylbenzene		U		Y	0.0012	0.0027	4
LB-15-3.5-4	17B0503-36	Tert-Butyl Alcohol		U	UJ	Y	0.028	0.053	4
LB-15-3.5-4	17B0503-36	Tert-Butyl Methyl Ether		U		Y	0.0012	0.0053	4
LB-15-3.5-4	17B0503-36	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0027	4
LB-15-3.5-4	17B0503-36	Tetrahydrofuran		U		Y	0.0029	0.013	4
LB-15-3.5-4	17B0503-36	Toluene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Toluene-D8	102			Y			4
LB-15-3.5-4	17B0503-36	Trans-1,2-Dichloroethene		U		Y	0.0012	0.0027	4
LB-15-3.5-4	17B0503-36	Trans-1,3-Dichloropropene		U		Y	0.00093	0.0013	4
LB-15-3.5-4	17B0503-36	Trans-1,4-Dichloro-2-Butene		U		Y	0.0028	0.0053	4
LB-15-3.5-4	17B0503-36	Trichloroethylene (TCE)		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	Trichlorofluoromethane		U		Y	0.0015	0.013	4
LB-15-3.5-4	17B0503-36	Vinyl Chloride		U		Y	0.0015	0.013	4
LB-15-5.5-5	17B0503-37	1,1,1,2-Tetrachloroethane		U		Y	0.01	0.087	4
LB-15-5.5-5	17B0503-37	1,1,1-Trichloroethane		U		Y	0.011	0.087	4
LB-15-5.5-5	17B0503-37	1,1,2,2-Tetrachloroethane		U		Y	0.014	0.043	4
LB-15-5.5-5	17B0503-37	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.017	0.087	4
LB-15-5.5-5	17B0503-37	1,1,2-Trichloroethane		U		Y	0.02	0.087	4
LB-15-5.5-5	17B0503-37	1,1-Dichloroethane		U		Y	0.014	0.087	4
LB-15-5.5-5	17B0503-37	1,1-Dichloroethene		U		Y	0.018	0.087	4
LB-15-5.5-5	17B0503-37	1,1-Dichloropropene		U		Y	0.011	0.17	4
LB-15-5.5-5	17B0503-37	1,2,3-Trichlorobenzene		U		Y	0.012	0.43	4
LB-15-5.5-5	17B0503-37	1,2,3-Trichloropropane		U		Y	0.019	0.17	4
LB-15-5.5-5	17B0503-37	1,2,4-Trichlorobenzene		U		Y	0.016	0.087	4
LB-15-5.5-5	17B0503-37	1,2,4-Trimethylbenzene		U		Y	0.016	0.087	4
LB-15-5.5-5	17B0503-37	1,2-Dibromo-3-Chloropropane		U		Y	0.032	0.43	4
LB-15-5.5-5	17B0503-37	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.013	0.043	4
LB-15-5.5-5	17B0503-37	1,2-Dichlorobenzene		U		Y	0.015	0.087	4
LB-15-5.5-5	17B0503-37	1,2-Dichloroethane		U		Y	0.017	0.087	4
LB-15-5.5-5	17B0503-37	1,2-Dichloroethane-D4	98.7			Y			4
LB-15-5.5-5	17B0503-37	1,2-Dichloropropane		U		Y	0.011	0.087	4
LB-15-5.5-5	17B0503-37	1,3,5-Trichlorobenzene		U		Y	0.015	0.087	4
LB-15-5.5-5	17B0503-37	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.011	0.087	4
LB-15-5.5-5	17B0503-37	1,3-Dichlorobenzene		U		Y	0.015	0.087	4
LB-15-5.5-5	17B0503-37	1,3-Dichloropropane		U		Y	0.011	0.043	4
LB-15-5.5-5	17B0503-37	1,4-Dichlorobenzene		U		Y	0.013	0.087	4
LB-15-5.5-5	17B0503-37	1,4-Dichlorobenzene-D4	30			Y			4
LB-15-5.5-5	17B0503-37	1,4-Difluorobenzene	30			Y			4
LB-15-5.5-5	17B0503-37	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2.3	4.3	4
LB-15-5.5-5	17B0503-37	2,2-Dichloropropane		U		Y	0.018	0.087	4
LB-15-5.5-5	17B0503-37	2-Chlorotoluene		U		Y	0.01	0.087	4
LB-15-5.5-5	17B0503-37	2-Hexanone		U	UJ	Y	0.13	0.87	4
LB-15-5.5-5	17B0503-37	2-Methoxy-2-Methylbutane		U		Y	0.0092	0.043	4
LB-15-5.5-5	17B0503-37	4-Chlorotoluene		U		Y	0.012	0.087	4
LB-15-5.5-5	17B0503-37	Acetone		U		Y	0.42	4.3	4
LB-15-5.5-5	17B0503-37	Acrylonitrile		U		Y	0.05	0.43	4
LB-15-5.5-5	17B0503-37	Benzene		U		Y	0.01	0.087	4
LB-15-5.5-5	17B0503-37	Bromobenzene		U		Y	0.013	0.087	4
LB-15-5.5-5	17B0503-37	Bromochloromethane		U		Y	0.019	0.087	4
LB-15-5.5-5	17B0503-37	Bromodichloromethane		U		Y	0.026	0.087	4
LB-15-5.5-5	17B0503-37	Bromoform		U		Y	0.018	0.17	4

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LB-15-5-5.5	17B0503-37	Bromomethane		U		Y	0.082	0.17	4
LB-15-5-5.5	17B0503-37	Carbon Disulfide		U		Y	0.089	0.26	4
LB-15-5-5.5	17B0503-37	Carbon Tetrachloride		U		Y	0.021	0.087	4
LB-15-5-5.5	17B0503-37	Chlorobenzene		U		Y	0.014	0.087	4
LB-15-5-5.5	17B0503-37	Chlorobenzene-D5	30			Y			4
LB-15-5-5.5	17B0503-37	Chloroethane		U		Y	0.024	0.17	4
LB-15-5-5.5	17B0503-37	Chloroform		U		Y	0.019	0.17	4
LB-15-5-5.5	17B0503-37	Chloromethane		U	UJ	Y	0.048	0.17	4
LB-15-5-5.5	17B0503-37	Cis-1,2-Dichloroethylene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	Cis-1,3-Dichloropropene		U		Y	0.01	0.043	4
LB-15-5-5.5	17B0503-37	Cymene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	Dibromochloromethane		U		Y	0.009	0.043	4
LB-15-5-5.5	17B0503-37	Dibromomethane		U		Y	0.014	0.087	4
LB-15-5-5.5	17B0503-37	Dichlorodifluoromethane		U		Y	0.025	0.17	4
LB-15-5-5.5	17B0503-37	Diethyl Ether (Ethyl Ether)		U		Y	0.019	0.17	4
LB-15-5-5.5	17B0503-37	Ethyl Tert-Butyl Ether		U		Y	0.0082	0.043	4
LB-15-5-5.5	17B0503-37	Ethylbenzene		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	Hexachlorobutadiene		U		Y	0.051	0.087	4
LB-15-5-5.5	17B0503-37	Isopropyl Ether		U		Y	0.016	0.043	4
LB-15-5-5.5	17B0503-37	Isopropylbenzene (Cumene)		U		Y	0.01	0.087	4
LB-15-5-5.5	17B0503-37	m,p-Xylene		U		Y	0.022	0.17	4
LB-15-5-5.5	17B0503-37	Methyl Acetate		U	UJ	Y	0.036	0.87	4
LB-15-5-5.5	17B0503-37	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.21	1.7	4
LB-15-5-5.5	17B0503-37	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.13	0.87	4
LB-15-5-5.5	17B0503-37	Methylcyclohexane		U		Y	0.055	0.087	4
LB-15-5-5.5	17B0503-37	Methylene Chloride		U		Y	0.28	0.43	4
LB-15-5-5.5	17B0503-37	Naphthalene		U		Y	0.01	0.17	4
LB-15-5-5.5	17B0503-37	N-Butylbenzene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	N-Propylbenzene		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	p-Bromofluorobenzene	95.4			Y			4
LB-15-5-5.5	17B0503-37	Pentafluorobenzene	30			Y			4
LB-15-5-5.5	17B0503-37	Sec-Butylbenzene		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	Styrene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	T-Butylbenzene		U		Y	0.01	0.087	4
LB-15-5-5.5	17B0503-37	Tert-Butyl Alcohol		U		Y	0.19	1.7	4
LB-15-5-5.5	17B0503-37	Tert-Butyl Methyl Ether		U		Y	0.0078	0.087	4
LB-15-5-5.5	17B0503-37	Tetrachloroethylene (PCE)		U		Y	0.024	0.087	4
LB-15-5-5.5	17B0503-37	Tetrahydrofuran		U		Y	0.093	0.87	4
LB-15-5-5.5	17B0503-37	Toluene		U		Y	0.015	0.087	4
LB-15-5-5.5	17B0503-37	Toluene-D8	99.3			Y			4
LB-15-5-5.5	17B0503-37	Trans-1,2-Dichloroethene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	Trans-1,3-Dichloropropene		U		Y	0.0097	0.043	4
LB-15-5-5.5	17B0503-37	Trans-1,4-Dichloro-2-Butene		U		Y	0.027	0.17	4
LB-15-5-5.5	17B0503-37	Trichloroethylene (TCE)		U		Y	0.017	0.087	4
LB-15-5-5.5	17B0503-37	Trichlorofluoromethane		U		Y	0.013	0.17	4
LB-15-5-5.5	17B0503-37	Vinyl Chloride		U		Y	0.012	0.17	4
LB-18-0-2	17B0503-38	1,1,1,2-Tetrachloroethane		U		Y	0.0018	0.002	4
LB-18-0-2	17B0503-38	1,1,1-Trichloroethane		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	1,1,2,2-Tetrachloroethane		U		Y	0.00091	0.001	4
LB-18-0-2	17B0503-38	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.00091	0.01	4
LB-18-0-2	17B0503-38	1,1,2-Trichloroethane		U		Y	0.0012	0.002	4
LB-18-0-2	17B0503-38	1,1-Dichloroethane		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	1,1-Dichloroethene		U		Y	0.0011	0.004	4
LB-18-0-2	17B0503-38	1,1-Dichloropropene		U		Y	0.00091	0.002	4
LB-18-0-2	17B0503-38	1,2,3-Trichlorobenzene		U		Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	1,2,3-Trichloropropane		U		Y	0.0011	0.002	4
LB-18-0-2	17B0503-38	1,2,4-Trichlorobenzene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	1,2,4-Trimethylbenzene	0.0055			Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	1,2-Dibromo-3-Chloropropane		U		Y	0.0011	0.004	4
LB-18-0-2	17B0503-38	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	1,2-Dichlorobenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	1,2-Dichloroethane		U		Y	0.0013	0.002	4
LB-18-0-2	17B0503-38	1,2-Dichloroethane-D4	103			Y			4
LB-18-0-2	17B0503-38	1,2-Dichloropropane		U		Y	0.0013	0.002	4
LB-18-0-2	17B0503-38	1,3,5-Trichlorobenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	1,3,5-Trimethylbenzene (Mesitylene)	0.0022			Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	1,3-Dichlorobenzene		U		Y	0.00071	0.002	4

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LB-18-0-2	17B0503-38	1,3-Dichloropropane		U		Y	0.00071	0.001	4
LB-18-0-2	17B0503-38	1,4-Dichlorobenzene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	1,4-Dichlorobenzene-D4	0.061			Y			4
LB-18-0-2	17B0503-38	1,4-Difluorobenzene	0.061			Y			4
LB-18-0-2	17B0503-38	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.058	0.1	4
LB-18-0-2	17B0503-38	2,2-Dichloropropane		U		Y	0.00091	0.002	4
LB-18-0-2	17B0503-38	2-Chlorotoluene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	2-Hexanone		U		Y	0.011	0.02	4
LB-18-0-2	17B0503-38	2-Methoxy-2-Methylbutane		U		Y	0.00071	0.001	4
LB-18-0-2	17B0503-38	4-Chlorotoluene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Acetone		U		Y	0.024	0.1	4
LB-18-0-2	17B0503-38	Acrylonitrile		U		Y	0.0025	0.0061	4
LB-18-0-2	17B0503-38	Benzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	Bromobenzene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Bromochloromethane		U		Y	0.0014	0.002	4
LB-18-0-2	17B0503-38	Bromodichloromethane		U		Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	Bromoform		U		Y	0.0014	0.002	4
LB-18-0-2	17B0503-38	Bromomethane		U		Y	0.0042	0.01	4
LB-18-0-2	17B0503-38	Carbon Disulfide		U		Y	0.0044	0.0061	4
LB-18-0-2	17B0503-38	Carbon Tetrachloride		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Chlorobenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	Chlorobenzene-D5	0.061			Y			4
LB-18-0-2	17B0503-38	Chloroethane		U		Y	0.0015	0.02	4
LB-18-0-2	17B0503-38	Chloroform		U		Y	0.00071	0.004	4
LB-18-0-2	17B0503-38	Chloromethane		U		Y	0.0065	0.01	4
LB-18-0-2	17B0503-38	Cis-1,2-Dichloroethylene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Cis-1,3-Dichloropropene		U		Y	0.00071	0.001	4
LB-18-0-2	17B0503-38	Cymene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Dibromochloromethane		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	Dibromomethane		U		Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
LB-18-0-2	17B0503-38	Diethyl Ether (Ethyl Ether)		U		Y	0.0018	0.02	4
LB-18-0-2	17B0503-38	Ethyl Tert-Butyl Ether		U		Y	0.00061	0.001	4
LB-18-0-2	17B0503-38	Ethylbenzene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Hexachlorobutadiene		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	Isopropyl Ether		U		Y	0.00061	0.001	4
LB-18-0-2	17B0503-38	Isopropylbenzene (Cumene)	0.0025			Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	m,p-Xylene	0.0061			Y	0.0017	0.004	4
LB-18-0-2	17B0503-38	Methyl Acetate		U		Y	0.0016	0.002	4
LB-18-0-2	17B0503-38	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.018	0.04	4
LB-18-0-2	17B0503-38	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0077	0.02	4
LB-18-0-2	17B0503-38	Methylcyclohexane	0.0041			Y	0.001	0.002	4
LB-18-0-2	17B0503-38	Methylene Chloride		U		Y	0.0072	0.02	4
LB-18-0-2	17B0503-38	Naphthalene	0.057			Y	0.00071	0.004	4
LB-18-0-2	17B0503-38	N-Butylbenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	N-Propylbenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	O-Xylene (1,2-Dimethylbenzene)	0.0025			Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	p-Bromofluorobenzene	103			Y			4
LB-18-0-2	17B0503-38	Pentafluorobenzene	0.061			Y			4
LB-18-0-2	17B0503-38	Sec-Butylbenzene		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	Styrene		U		Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	T-Butylbenzene		U		Y	0.00091	0.002	4
LB-18-0-2	17B0503-38	Tert-Butyl Alcohol		U	UJ	Y	0.021	0.04	4
LB-18-0-2	17B0503-38	Tert-Butyl Methyl Ether		U		Y	0.00091	0.004	4
LB-18-0-2	17B0503-38	Tetrachloroethylene (PCE)		U		Y	0.0013	0.002	4
LB-18-0-2	17B0503-38	Tetrahydrofuran		U		Y	0.0022	0.01	4
LB-18-0-2	17B0503-38	Toluene	0.0032			Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Toluene-D8	101			Y			4
LB-18-0-2	17B0503-38	Trans-1,2-Dichloroethene		U		Y	0.00091	0.002	4
LB-18-0-2	17B0503-38	Trans-1,3-Dichloropropene		U		Y	0.00071	0.001	4
LB-18-0-2	17B0503-38	Trans-1,4-Dichloro-2-Butene		U		Y	0.0021	0.004	4
LB-18-0-2	17B0503-38	Trichloroethylene (TCE)		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	Trichlorofluoromethane		U		Y	0.0011	0.01	4
LB-18-0-2	17B0503-38	Vinyl Chloride		U		Y	0.0011	0.01	4
LB-26-1.3-1.8	17B0503-39	1,1,1,2-Tetrachloroethane		U		Y	0.0085	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1,1-Trichloroethane		U		Y	0.0094	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1,2,2-Tetrachloroethane		U		Y	0.011	0.036	4
LB-26-1.3-1.8	17B0503-39	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.014	0.072	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-26-1.3-1.8	17B0503-39	1,1,2-Trichloroethane		U		Y	0.017	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1-Dichloroethane		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1-Dichloroethene		U		Y	0.015	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1-Dichloropropene		U		Y	0.0092	0.14	4
LB-26-1.3-1.8	17B0503-39	1,2,3-Trichlorobenzene		U		Y	0.01	0.36	4
LB-26-1.3-1.8	17B0503-39	1,2,3-Trichloropropane		U		Y	0.015	0.14	4
LB-26-1.3-1.8	17B0503-39	1,2,4-Trichlorobenzene		U		Y	0.014	0.072	4
LB-26-1.3-1.8	17B0503-39	1,2,4-Trimethylbenzene	0.078			Y	0.013	0.072	4
LB-26-1.3-1.8	17B0503-39	1,2-Dibromo-3-Chloropropane		U		Y	0.027	0.36	4
LB-26-1.3-1.8	17B0503-39	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.011	0.036	4
LB-26-1.3-1.8	17B0503-39	1,2-Dichlorobenzene		U		Y	0.012	0.072	4
LB-26-1.3-1.8	17B0503-39	1,2-Dichloroethane		U		Y	0.014	0.072	4
LB-26-1.3-1.8	17B0503-39	1,2-Dichloroethane-D4	93.5			Y			4
LB-26-1.3-1.8	17B0503-39	1,2-Dichloropropane		U		Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	1,3,5-Trichlorobenzene		U		Y	0.012	0.072	4
LB-26-1.3-1.8	17B0503-39	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	1,3-Dichlorobenzene		U		Y	0.012	0.072	4
LB-26-1.3-1.8	17B0503-39	1,3-Dichloropropane		U		Y	0.0093	0.036	4
LB-26-1.3-1.8	17B0503-39	1,4-Dichlorobenzene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	1,4-Dichlorobenzene-D4	30			Y			4
LB-26-1.3-1.8	17B0503-39	1,4-Difluorobenzene	30			Y			4
LB-26-1.3-1.8	17B0503-39	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.9	3.6	4
LB-26-1.3-1.8	17B0503-39	2,2-Dichloropropane		U		Y	0.015	0.072	4
LB-26-1.3-1.8	17B0503-39	2-Chlorotoluene		U		Y	0.0086	0.072	4
LB-26-1.3-1.8	17B0503-39	2-Hexanone		U	UJ	Y	0.11	0.72	4
LB-26-1.3-1.8	17B0503-39	2-Methoxy-2-Methylbutane		U		Y	0.0076	0.036	4
LB-26-1.3-1.8	17B0503-39	4-Chlorotoluene		U		Y	0.01	0.072	4
LB-26-1.3-1.8	17B0503-39	Acetone		U		Y	0.35	3.6	4
LB-26-1.3-1.8	17B0503-39	Acrylonitrile		U		Y	0.042	0.36	4
LB-26-1.3-1.8	17B0503-39	Benzene		U		Y	0.0086	0.072	4
LB-26-1.3-1.8	17B0503-39	Bromobenzene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Bromochloromethane		U		Y	0.016	0.072	4
LB-26-1.3-1.8	17B0503-39	Bromodichloromethane		U		Y	0.021	0.072	4
LB-26-1.3-1.8	17B0503-39	Bromoform		U		Y	0.015	0.14	4
LB-26-1.3-1.8	17B0503-39	Bromomethane		U		Y	0.068	0.14	4
LB-26-1.3-1.8	17B0503-39	Carbon Disulfide		U		Y	0.073	0.22	4
LB-26-1.3-1.8	17B0503-39	Carbon Tetrachloride		U		Y	0.018	0.072	4
LB-26-1.3-1.8	17B0503-39	Chlorobenzene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Chlorobenzene-D5	30			Y			4
LB-26-1.3-1.8	17B0503-39	Chloroethane		U		Y	0.02	0.14	4
LB-26-1.3-1.8	17B0503-39	Chloroform		U		Y	0.016	0.14	4
LB-26-1.3-1.8	17B0503-39	Chloromethane		U	UJ	Y	0.04	0.14	4
LB-26-1.3-1.8	17B0503-39	Cis-1,2-Dichloroethylene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Cis-1,3-Dichloropropene		U		Y	0.0086	0.036	4
LB-26-1.3-1.8	17B0503-39	Cymene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Dibromochloromethane		U		Y	0.0075	0.036	4
LB-26-1.3-1.8	17B0503-39	Dibromomethane		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Dichlorodifluoromethane		U		Y	0.02	0.14	4
LB-26-1.3-1.8	17B0503-39	Diethyl Ether (Ethyl Ether)		U		Y	0.016	0.14	4
LB-26-1.3-1.8	17B0503-39	Ethyl Tert-Butyl Ether		U		Y	0.0068	0.036	4
LB-26-1.3-1.8	17B0503-39	Ethylbenzene		U		Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	Hexachlorobutadiene		U		Y	0.042	0.072	4
LB-26-1.3-1.8	17B0503-39	Isopropyl Ether		U		Y	0.013	0.036	4
LB-26-1.3-1.8	17B0503-39	Isopropylbenzene (Cumene)		U		Y	0.0086	0.072	4
LB-26-1.3-1.8	17B0503-39	m,p-Xylene	0.14			Y	0.018	0.14	4
LB-26-1.3-1.8	17B0503-39	Methyl Acetate		U	UJ	Y	0.03	0.72	4
LB-26-1.3-1.8	17B0503-39	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.17	1.4	4
LB-26-1.3-1.8	17B0503-39	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.11	0.72	4
LB-26-1.3-1.8	17B0503-39	Methylcyclohexane		U		Y	0.045	0.072	4
LB-26-1.3-1.8	17B0503-39	Methylene Chloride		U		Y	0.23	0.36	4
LB-26-1.3-1.8	17B0503-39	Naphthalene	0.35			Y	0.0087	0.14	4
LB-26-1.3-1.8	17B0503-39	N-Butylbenzene	0.073			Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	N-Propylbenzene		U		Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0094	0.072	4
LB-26-1.3-1.8	17B0503-39	p-Bromofluorobenzene	106			Y			4
LB-26-1.3-1.8	17B0503-39	Pentafluorobenzene	30			Y			4
LB-26-1.3-1.8	17B0503-39	Sec-Butylbenzene	0.1			Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	Styrene		U		Y	0.011	0.072	4

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LB-26-1.3-1.8	17B0503-39	T-Butylbenzene		U		Y	0.0087	0.072	4
LB-26-1.3-1.8	17B0503-39	Tert-Butyl Alcohol		U		Y	0.16	1.4	4
LB-26-1.3-1.8	17B0503-39	Tert-Butyl Methyl Ether		U		Y	0.0065	0.072	4
LB-26-1.3-1.8	17B0503-39	Tetrachloroethylene (PCE)		U		Y	0.02	0.072	4
LB-26-1.3-1.8	17B0503-39	Tetrahydrofuran		U		Y	0.077	0.72	4
LB-26-1.3-1.8	17B0503-39	Toluene		U		Y	0.012	0.072	4
LB-26-1.3-1.8	17B0503-39	Toluene-D8	99.5			Y			4
LB-26-1.3-1.8	17B0503-39	Trans-1,2-Dichloroethene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Trans-1,3-Dichloropropene		U		Y	0.008	0.036	4
LB-26-1.3-1.8	17B0503-39	Trans-1,4-Dichloro-2-Butene		U		Y	0.022	0.14	4
LB-26-1.3-1.8	17B0503-39	Trichloroethylene (TCE)		U		Y	0.014	0.072	4
LB-26-1.3-1.8	17B0503-39	Trichlorofluoromethane		U		Y	0.011	0.14	4
LB-26-1.3-1.8	17B0503-39	Vinyl Chloride		U		Y	0.0096	0.14	4
LB-26-4.5-5	17B0503-40	1,1,1,2-Tetrachloroethane		U		Y	0.0022	0.0025	4
LB-26-4.5-5	17B0503-40	1,1,1-Trichloroethane		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	1,1,2,2-Tetrachloroethane		U		Y	0.0011	0.0012	4
LB-26-4.5-5	17B0503-40	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0011	0.012	4
LB-26-4.5-5	17B0503-40	1,1,2-Trichloroethane		U		Y	0.0015	0.0025	4
LB-26-4.5-5	17B0503-40	1,1-Dichloroethane		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	1,1-Dichloroethene		U		Y	0.0014	0.0049	4
LB-26-4.5-5	17B0503-40	1,1-Dichloropropene		U		Y	0.0011	0.0025	4
LB-26-4.5-5	17B0503-40	1,2,3-Trichlorobenzene		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	1,2,3-Trichloropropane		U		Y	0.0014	0.0025	4
LB-26-4.5-5	17B0503-40	1,2,4-Trichlorobenzene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	1,2,4-Trimethylbenzene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0049	4
LB-26-4.5-5	17B0503-40	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	1,2-Dichlorobenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	1,2-Dichloroethane		U		Y	0.0016	0.0025	4
LB-26-4.5-5	17B0503-40	1,2-Dichloroethane-D4	98.5			Y			4
LB-26-4.5-5	17B0503-40	1,2-Dichloropropane		U		Y	0.0016	0.0025	4
LB-26-4.5-5	17B0503-40	1,3,5-Trichlorobenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	1,3-Dichlorobenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	1,3-Dichloropropane		U		Y	0.00087	0.0012	4
LB-26-4.5-5	17B0503-40	1,4-Dichlorobenzene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	1,4-Dichlorobenzene-D4	0.074			Y			4
LB-26-4.5-5	17B0503-40	1,4-Difluorobenzene	0.074			Y			4
LB-26-4.5-5	17B0503-40	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.071	0.12	4
LB-26-4.5-5	17B0503-40	2,2-Dichloropropane		U		Y	0.0011	0.0025	4
LB-26-4.5-5	17B0503-40	2-Chlorotoluene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	2-Hexanone		U		Y	0.013	0.025	4
LB-26-4.5-5	17B0503-40	2-Methoxy-2-Methylbutane		U		Y	0.00087	0.0012	4
LB-26-4.5-5	17B0503-40	4-Chlorotoluene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Acetone	0.4			Y	0.029	0.12	4
LB-26-4.5-5	17B0503-40	Acrylonitrile		U		Y	0.0031	0.0074	4
LB-26-4.5-5	17B0503-40	Benzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	Bromobenzene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Bromochloromethane		U		Y	0.0017	0.0025	4
LB-26-4.5-5	17B0503-40	Bromodichloromethane		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	Bromoform		U		Y	0.0017	0.0025	4
LB-26-4.5-5	17B0503-40	Bromomethane		U		Y	0.0052	0.012	4
LB-26-4.5-5	17B0503-40	Carbon Disulfide		U		Y	0.0053	0.0074	4
LB-26-4.5-5	17B0503-40	Carbon Tetrachloride		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Chlorobenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	Chlorobenzene-D5	0.074			Y			4
LB-26-4.5-5	17B0503-40	Chloroethane		U		Y	0.0019	0.025	4
LB-26-4.5-5	17B0503-40	Chloroform		U		Y	0.00087	0.0049	4
LB-26-4.5-5	17B0503-40	Chloromethane		U		Y	0.0079	0.012	4
LB-26-4.5-5	17B0503-40	Cis-1,2-Dichloroethylene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Cis-1,3-Dichloropropene		U		Y	0.00087	0.0012	4
LB-26-4.5-5	17B0503-40	Cymene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Dibromochloromethane		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	Dibromomethane		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	Dichlorodifluoromethane		U		Y	0.0016	0.025	4
LB-26-4.5-5	17B0503-40	Diethyl Ether (Ethyl Ether)		U		Y	0.0022	0.025	4
LB-26-4.5-5	17B0503-40	Ethyl Tert-Butyl Ether		U		Y	0.00074	0.0012	4
LB-26-4.5-5	17B0503-40	Ethylbenzene		U		Y	0.00099	0.0025	4

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LB-26-4.5-5	17B0503-40	Hexachlorobutadiene		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	Isopropyl Ether		U		Y	0.00074	0.0012	4
LB-26-4.5-5	17B0503-40	Isopropylbenzene (Cumene)		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	m,p-Xylene		U		Y	0.0021	0.0049	4
LB-26-4.5-5	17B0503-40	Methyl Acetate		U		Y	0.002	0.0025	4
LB-26-4.5-5	17B0503-40	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.022	0.049	4
LB-26-4.5-5	17B0503-40	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0094	0.025	4
LB-26-4.5-5	17B0503-40	Methylcyclohexane		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	Methylene Chloride		U		Y	0.0088	0.025	4
LB-26-4.5-5	17B0503-40	Naphthalene	0.0095			Y	0.00087	0.0049	4
LB-26-4.5-5	17B0503-40	N-Butylbenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	N-Propylbenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	p-Bromofluorobenzene	95.9			Y			4
LB-26-4.5-5	17B0503-40	Pentafluorobenzene	0.074			Y			4
LB-26-4.5-5	17B0503-40	Sec-Butylbenzene	0.0036			Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	Styrene		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	T-Butylbenzene		U		Y	0.0011	0.0025	4
LB-26-4.5-5	17B0503-40	Tert-Butyl Alcohol		U	UJ	Y	0.026	0.049	4
LB-26-4.5-5	17B0503-40	Tert-Butyl Methyl Ether		U		Y	0.0011	0.0049	4
LB-26-4.5-5	17B0503-40	Tetrachloroethylene (PCE)		U		Y	0.0016	0.0025	4
LB-26-4.5-5	17B0503-40	Tetrahydrofuran		U		Y	0.0027	0.012	4
LB-26-4.5-5	17B0503-40	Toluene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Toluene-D8	101			Y			4
LB-26-4.5-5	17B0503-40	Trans-1,2-Dichloroethene		U		Y	0.0011	0.0025	4
LB-26-4.5-5	17B0503-40	Trans-1,3-Dichloropropene		U		Y	0.00087	0.0012	4
LB-26-4.5-5	17B0503-40	Trans-1,4-Dichloro-2-Butene		U		Y	0.0026	0.0049	4
LB-26-4.5-5	17B0503-40	Trichloroethylene (TCE)		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	Trichlorofluoromethane		U		Y	0.0014	0.012	4
LB-26-4.5-5	17B0503-40	Vinyl Chloride		U		Y	0.0014	0.012	4
LB-02-8-8.5	17B0503-41	1,1,1,2-Tetrachloroethane		U		Y	0.0024	0.0026	4
LB-02-8-8.5	17B0503-41	1,1,1-Trichloroethane		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	1,1,2,2-Tetrachloroethane		U		Y	0.0012	0.0013	4
LB-02-8-8.5	17B0503-41	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0012	0.013	4
LB-02-8-8.5	17B0503-41	1,1,2-Trichloroethane		U		Y	0.0016	0.0026	4
LB-02-8-8.5	17B0503-41	1,1-Dichloroethane		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	1,1-Dichloroethene		U		Y	0.0014	0.0053	4
LB-02-8-8.5	17B0503-41	1,1-Dichloropropene		U		Y	0.0012	0.0026	4
LB-02-8-8.5	17B0503-41	1,2,3-Trichlorobenzene		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	1,2,3-Trichloropropane		U		Y	0.0014	0.0026	4
LB-02-8-8.5	17B0503-41	1,2,4-Trichlorobenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	1,2,4-Trimethylbenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dichlorobenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dichloroethane		U		Y	0.0017	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dichloroethane-D4	99			Y			4
LB-02-8-8.5	17B0503-41	1,2-Dichloropropane		U		Y	0.0017	0.0026	4
LB-02-8-8.5	17B0503-41	1,3,5-Trichlorobenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	1,3-Dichlorobenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	1,3-Dichloropropane		U		Y	0.00092	0.0013	4
LB-02-8-8.5	17B0503-41	1,4-Dichlorobenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	1,4-Dichlorobenzene-D4	0.079			Y			4
LB-02-8-8.5	17B0503-41	1,4-Difluorobenzene	0.079			Y			4
LB-02-8-8.5	17B0503-41	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.076	0.13	4
LB-02-8-8.5	17B0503-41	2,2-Dichloropropane		U		Y	0.0012	0.0026	4
LB-02-8-8.5	17B0503-41	2-Chlorotoluene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	2-Hexanone		U		Y	0.014	0.026	4
LB-02-8-8.5	17B0503-41	2-Methoxy-2-Methylbutane		U		Y	0.00092	0.0013	4
LB-02-8-8.5	17B0503-41	4-Chlorotoluene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Acetone		U		Y	0.031	0.13	4
LB-02-8-8.5	17B0503-41	Acrylonitrile		U		Y	0.0033	0.0079	4
LB-02-8-8.5	17B0503-41	Benzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	Bromobenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Bromochloromethane		U		Y	0.0018	0.0026	4
LB-02-8-8.5	17B0503-41	Bromodichloromethane		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	Bromoform		U		Y	0.0018	0.0026	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-02-8-8.5	17B0503-41	Bromomethane		U		Y	0.0055	0.013	4
LB-02-8-8.5	17B0503-41	Carbon Disulfide	0.0083			Y	0.0057	0.0079	4
LB-02-8-8.5	17B0503-41	Carbon Tetrachloride		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Chlorobenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	Chlorobenzene-D5	0.079			Y			4
LB-02-8-8.5	17B0503-41	Chloroethane		U		Y	0.002	0.026	4
LB-02-8-8.5	17B0503-41	Chloroform		U		Y	0.00092	0.0053	4
LB-02-8-8.5	17B0503-41	Chloromethane		U		Y	0.0084	0.013	4
LB-02-8-8.5	17B0503-41	Cis-1,2-Dichloroethylene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Cis-1,3-Dichloropropene		U		Y	0.00092	0.0013	4
LB-02-8-8.5	17B0503-41	Cymene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Dibromochloromethane		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	Dibromomethane		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	Dichlorodifluoromethane		U		Y	0.0017	0.026	4
LB-02-8-8.5	17B0503-41	Diethyl Ether (Ethyl Ether)		U		Y	0.0024	0.026	4
LB-02-8-8.5	17B0503-41	Ethyl Tert-Butyl Ether		U		Y	0.00079	0.0013	4
LB-02-8-8.5	17B0503-41	Ethylbenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Hexachlorobutadiene		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	Isopropyl Ether		U		Y	0.00079	0.0013	4
LB-02-8-8.5	17B0503-41	Isopropylbenzene (Cumene)		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	m,p-Xylene		U		Y	0.0022	0.0053	4
LB-02-8-8.5	17B0503-41	Methyl Acetate		U		Y	0.0021	0.0026	4
LB-02-8-8.5	17B0503-41	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.023	0.053	4
LB-02-8-8.5	17B0503-41	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.01	0.026	4
LB-02-8-8.5	17B0503-41	Methylcyclohexane		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	Methylene Chloride		U		Y	0.0094	0.026	4
LB-02-8-8.5	17B0503-41	Naphthalene	0.022			Y	0.00092	0.0053	4
LB-02-8-8.5	17B0503-41	N-Butylbenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	N-Propylbenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	p-Bromofluorobenzene	96.2			Y			4
LB-02-8-8.5	17B0503-41	Pentafluorobenzene	0.079			Y			4
LB-02-8-8.5	17B0503-41	Sec-Butylbenzene		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	Styrene		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	T-Butylbenzene		U		Y	0.0012	0.0026	4
LB-02-8-8.5	17B0503-41	Tert-Butyl Alcohol		U	UJ	Y	0.028	0.053	4
LB-02-8-8.5	17B0503-41	Tert-Butyl Methyl Ether		U		Y	0.0012	0.0053	4
LB-02-8-8.5	17B0503-41	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0026	4
LB-02-8-8.5	17B0503-41	Tetrahydrofuran		U		Y	0.0029	0.013	4
LB-02-8-8.5	17B0503-41	Toluene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Toluene-D8	101			Y			4
LB-02-8-8.5	17B0503-41	Trans-1,2-Dichloroethene		U		Y	0.0012	0.0026	4
LB-02-8-8.5	17B0503-41	Trans-1,3-Dichloropropene		U		Y	0.00092	0.0013	4
LB-02-8-8.5	17B0503-41	Trans-1,4-Dichloro-2-Butene		U		Y	0.0028	0.0053	4
LB-02-8-8.5	17B0503-41	Trichloroethylene (TCE)		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	Trichlorofluoromethane		U		Y	0.0014	0.013	4
LB-02-8-8.5	17B0503-41	Vinyl Chloride		U		Y	0.0014	0.013	4
LB-07-1-1.5	17B0503-42	1,1,1,2-Tetrachloroethane		U		Y	0.0086	0.072	4
LB-07-1-1.5	17B0503-42	1,1,1-Trichloroethane	0.18		J	Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	1,1,2,2-Tetrachloroethane		U		Y	0.012	0.036	4
LB-07-1-1.5	17B0503-42	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.014	0.072	4
LB-07-1-1.5	17B0503-42	1,1,2-Trichloroethane		U		Y	0.017	0.072	4
LB-07-1-1.5	17B0503-42	1,1-Dichloroethane	0.11			Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	1,1-Dichloroethene		U		Y	0.015	0.072	4
LB-07-1-1.5	17B0503-42	1,1-Dichloropropene		U		Y	0.0092	0.14	4
LB-07-1-1.5	17B0503-42	1,2,3-Trichlorobenzene		U		Y	0.01	0.36	4
LB-07-1-1.5	17B0503-42	1,2,3-Trichloropropane		U		Y	0.015	0.14	4
LB-07-1-1.5	17B0503-42	1,2,4-Trichlorobenzene		U		Y	0.014	0.072	4
LB-07-1-1.5	17B0503-42	1,2,4-Trimethylbenzene	0.39			Y	0.013	0.072	4
LB-07-1-1.5	17B0503-42	1,2-Dibromo-3-Chloropropane		U		Y	0.027	0.36	4
LB-07-1-1.5	17B0503-42	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.011	0.036	4
LB-07-1-1.5	17B0503-42	1,2-Dichlorobenzene		U		Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	1,2-Dichloroethane		U		Y	0.014	0.072	4
LB-07-1-1.5	17B0503-42	1,2-Dichloroethane-D4	93.2			Y			4
LB-07-1-1.5	17B0503-42	1,2-Dichloropropane		U		Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	1,3,5-Trichlorobenzene		U		Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	1,3,5-Trimethylbenzene (Mesitylene)	0.13		J	Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	1,3-Dichlorobenzene		U		Y	0.012	0.072	4

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LB-07-1-1.5	17B0503-42	1,3-Dichloropropane		U		Y	0.0094	0.036	4
LB-07-1-1.5	17B0503-42	1,4-Dichlorobenzene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	1,4-Dichlorobenzene-D4	30			Y			4
LB-07-1-1.5	17B0503-42	1,4-Difluorobenzene	30			Y			4
LB-07-1-1.5	17B0503-42	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.9	3.6	4
LB-07-1-1.5	17B0503-42	2,2-Dichloropropane		U		Y	0.015	0.072	4
LB-07-1-1.5	17B0503-42	2-Chlorotoluene		U		Y	0.0087	0.072	4
LB-07-1-1.5	17B0503-42	2-Hexanone		U	UJ	Y	0.11	0.72	4
LB-07-1-1.5	17B0503-42	2-Methoxy-2-Methylbutane		U		Y	0.0076	0.036	4
LB-07-1-1.5	17B0503-42	4-Chlorotoluene		U		Y	0.01	0.072	4
LB-07-1-1.5	17B0503-42	Acetone		U		Y	0.35	3.6	4
LB-07-1-1.5	17B0503-42	Acrylonitrile		U		Y	0.042	0.36	4
LB-07-1-1.5	17B0503-42	Benzene		U		Y	0.0087	0.072	4
LB-07-1-1.5	17B0503-42	Bromobenzene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	Bromochloromethane		U		Y	0.016	0.072	4
LB-07-1-1.5	17B0503-42	Bromodichloromethane		U		Y	0.021	0.072	4
LB-07-1-1.5	17B0503-42	Bromoform		U		Y	0.015	0.14	4
LB-07-1-1.5	17B0503-42	Bromomethane		U		Y	0.068	0.14	4
LB-07-1-1.5	17B0503-42	Carbon Disulfide		U		Y	0.074	0.22	4
LB-07-1-1.5	17B0503-42	Carbon Tetrachloride		U		Y	0.018	0.072	4
LB-07-1-1.5	17B0503-42	Chlorobenzene		U		Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	Chlorobenzene-D5	30			Y			4
LB-07-1-1.5	17B0503-42	Chloroethane		U		Y	0.02	0.14	4
LB-07-1-1.5	17B0503-42	Chloroform		U		Y	0.016	0.14	4
LB-07-1-1.5	17B0503-42	Chloromethane		U	UJ	Y	0.04	0.14	4
LB-07-1-1.5	17B0503-42	Cis-1,2-Dichloroethylene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	Cis-1,3-Dichloropropene		U		Y	0.0087	0.036	4
LB-07-1-1.5	17B0503-42	Cymene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	Dibromochloromethane		U		Y	0.0075	0.036	4
LB-07-1-1.5	17B0503-42	Dibromomethane		U		Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	Dichlorodifluoromethane		U		Y	0.02	0.14	4
LB-07-1-1.5	17B0503-42	Diethyl Ether (Ethyl Ether)		U		Y	0.016	0.14	4
LB-07-1-1.5	17B0503-42	Ethyl Tert-Butyl Ether		U		Y	0.0068	0.036	4
LB-07-1-1.5	17B0503-42	Ethylbenzene		U		Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	Hexachlorobutadiene		U		Y	0.042	0.072	4
LB-07-1-1.5	17B0503-42	Isopropyl Ether		U		Y	0.013	0.036	4
LB-07-1-1.5	17B0503-42	Isopropylbenzene (Cumene)	0.074		J	Y	0.0087	0.072	4
LB-07-1-1.5	17B0503-42	m,p-Xylene		U		Y	0.018	0.14	4
LB-07-1-1.5	17B0503-42	Methyl Acetate		U	UJ	Y	0.03	0.72	4
LB-07-1-1.5	17B0503-42	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.17	1.4	4
LB-07-1-1.5	17B0503-42	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.11	0.72	4
LB-07-1-1.5	17B0503-42	Methylcyclohexane	0.32		J	Y	0.045	0.072	4
LB-07-1-1.5	17B0503-42	Methylene Chloride		U		Y	0.23	0.36	4
LB-07-1-1.5	17B0503-42	Naphthalene	0.21			Y	0.0087	0.14	4
LB-07-1-1.5	17B0503-42	N-Butylbenzene	0.5			Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	N-Propylbenzene	0.18		J	Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	O-Xylene (1,2-Dimethylbenzene)	0.12		J	Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	p-Bromofluorobenzene	111			Y			4
LB-07-1-1.5	17B0503-42	Pentafluorobenzene	30			Y			4
LB-07-1-1.5	17B0503-42	Sec-Butylbenzene	1			Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	Styrene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	T-Butylbenzene		U		Y	0.0087	0.072	4
LB-07-1-1.5	17B0503-42	Tert-Butyl Alcohol		U		Y	0.16	1.4	4
LB-07-1-1.5	17B0503-42	Tert-Butyl Methyl Ether		U		Y	0.0065	0.072	4
LB-07-1-1.5	17B0503-42	Tetrachloroethylene (PCE)		U		Y	0.02	0.072	4
LB-07-1-1.5	17B0503-42	Tetrahydrofuran		U		Y	0.077	0.72	4
LB-07-1-1.5	17B0503-42	Toluene	0.09		J	Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	Toluene-D8	98.3			Y			4
LB-07-1-1.5	17B0503-42	Trans-1,2-Dichloroethene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	Trans-1,3-Dichloropropene		U		Y	0.0081	0.036	4
LB-07-1-1.5	17B0503-42	Trans-1,4-Dichloro-2-Butene		U		Y	0.022	0.14	4
LB-07-1-1.5	17B0503-42	Trichloroethylene (TCE)		U		Y	0.014	0.072	4
LB-07-1-1.5	17B0503-42	Trichlorofluoromethane		U		Y	0.011	0.14	4
LB-07-1-1.5	17B0503-42	Vinyl Chloride		U		Y	0.0096	0.14	4
LB-07-4.5-5	17B0503-43	1,1,1,2-Tetrachloroethane		U		Y	0.0097	0.081	4
LB-07-4.5-5	17B0503-43	1,1,1-Trichloroethane		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	1,1,2,2-Tetrachloroethane		U		Y	0.013	0.041	4
LB-07-4.5-5	17B0503-43	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.016	0.081	4

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LB-07-4.5-5	17B0503-43	1,1,2-Trichloroethane		U		Y	0.019	0.081	4
LB-07-4.5-5	17B0503-43	1,1-Dichloroethane		U		Y	0.013	0.081	4
LB-07-4.5-5	17B0503-43	1,1-Dichloroethene		U		Y	0.017	0.081	4
LB-07-4.5-5	17B0503-43	1,1-Dichloropropene		U		Y	0.01	0.16	4
LB-07-4.5-5	17B0503-43	1,2,3-Trichlorobenzene		U		Y	0.011	0.41	4
LB-07-4.5-5	17B0503-43	1,2,3-Trichloropropane		U		Y	0.018	0.16	4
LB-07-4.5-5	17B0503-43	1,2,4-Trichlorobenzene		U		Y	0.015	0.081	4
LB-07-4.5-5	17B0503-43	1,2,4-Trimethylbenzene	0.13			Y	0.015	0.081	4
LB-07-4.5-5	17B0503-43	1,2-Dibromo-3-Chloropropane		U		Y	0.03	0.41	4
LB-07-4.5-5	17B0503-43	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.012	0.041	4
LB-07-4.5-5	17B0503-43	1,2-Dichlorobenzene		U		Y	0.014	0.081	4
LB-07-4.5-5	17B0503-43	1,2-Dichloroethane		U		Y	0.016	0.081	4
LB-07-4.5-5	17B0503-43	1,2-Dichloroethane-D4	91.6			Y			4
LB-07-4.5-5	17B0503-43	1,2-Dichloropropane		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	1,3,5-Trichlorobenzene		U		Y	0.014	0.081	4
LB-07-4.5-5	17B0503-43	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	1,3-Dichlorobenzene		U		Y	0.014	0.081	4
LB-07-4.5-5	17B0503-43	1,3-Dichloropropane		U		Y	0.011	0.041	4
LB-07-4.5-5	17B0503-43	1,4-Dichlorobenzene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	1,4-Dichlorobenzene-D4	30			Y			4
LB-07-4.5-5	17B0503-43	1,4-Difluorobenzene	30			Y			4
LB-07-4.5-5	17B0503-43	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2.2	4.1	4
LB-07-4.5-5	17B0503-43	2,2-Dichloropropane		U		Y	0.017	0.081	4
LB-07-4.5-5	17B0503-43	2-Chlorotoluene		U		Y	0.0098	0.081	4
LB-07-4.5-5	17B0503-43	2-Hexanone		U	UJ	Y	0.12	0.81	4
LB-07-4.5-5	17B0503-43	2-Methoxy-2-Methylbutane		U		Y	0.0086	0.041	4
LB-07-4.5-5	17B0503-43	4-Chlorotoluene		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	Acetone		U		Y	0.4	4.1	4
LB-07-4.5-5	17B0503-43	Acrylonitrile		U		Y	0.047	0.41	4
LB-07-4.5-5	17B0503-43	Benzene		U		Y	0.0098	0.081	4
LB-07-4.5-5	17B0503-43	Bromobenzene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	Bromochloromethane		U		Y	0.018	0.081	4
LB-07-4.5-5	17B0503-43	Bromodichloromethane		U		Y	0.024	0.081	4
LB-07-4.5-5	17B0503-43	Bromoform		U		Y	0.017	0.16	4
LB-07-4.5-5	17B0503-43	Bromomethane		U		Y	0.077	0.16	4
LB-07-4.5-5	17B0503-43	Carbon Disulfide		U		Y	0.083	0.24	4
LB-07-4.5-5	17B0503-43	Carbon Tetrachloride		U		Y	0.02	0.081	4
LB-07-4.5-5	17B0503-43	Chlorobenzene		U		Y	0.013	0.081	4
LB-07-4.5-5	17B0503-43	Chlorobenzene-D5	30			Y			4
LB-07-4.5-5	17B0503-43	Chloroethane	0.23			Y	0.023	0.16	4
LB-07-4.5-5	17B0503-43	Chloroform		U		Y	0.018	0.16	4
LB-07-4.5-5	17B0503-43	Chloromethane		U	UJ	Y	0.045	0.16	4
LB-07-4.5-5	17B0503-43	Cis-1,2-Dichloroethylene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	Cis-1,3-Dichloropropene		U		Y	0.0098	0.041	4
LB-07-4.5-5	17B0503-43	Cymene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	Dibromochloromethane		U		Y	0.0085	0.041	4
LB-07-4.5-5	17B0503-43	Dibromomethane		U		Y	0.013	0.081	4
LB-07-4.5-5	17B0503-43	Dichlorodifluoromethane		U		Y	0.023	0.16	4
LB-07-4.5-5	17B0503-43	Diethyl Ether (Ethyl Ether)		U		Y	0.018	0.16	4
LB-07-4.5-5	17B0503-43	Ethyl Tert-Butyl Ether		U		Y	0.0077	0.041	4
LB-07-4.5-5	17B0503-43	Ethylbenzene		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	Hexachlorobutadiene		U		Y	0.048	0.081	4
LB-07-4.5-5	17B0503-43	Isopropyl Ether		U		Y	0.015	0.041	4
LB-07-4.5-5	17B0503-43	Isopropylbenzene (Cumene)		U		Y	0.0098	0.081	4
LB-07-4.5-5	17B0503-43	m,p-Xylene		U		Y	0.021	0.16	4
LB-07-4.5-5	17B0503-43	Methyl Acetate		U	UJ	Y	0.034	0.81	4
LB-07-4.5-5	17B0503-43	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.19	1.6	4
LB-07-4.5-5	17B0503-43	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.12	0.81	4
LB-07-4.5-5	17B0503-43	Methylcyclohexane	0.17			Y	0.051	0.081	4
LB-07-4.5-5	17B0503-43	Methylene Chloride		U		Y	0.26	0.41	4
LB-07-4.5-5	17B0503-43	Naphthalene		U		Y	0.0099	0.16	4
LB-07-4.5-5	17B0503-43	N-Butylbenzene	0.28			Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	N-Propylbenzene		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	O-Xylene (1,2-Dimethylbenzene)	0.095			Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	p-Bromofluorobenzene	118			Y			4
LB-07-4.5-5	17B0503-43	Pentafluorobenzene	30			Y			4
LB-07-4.5-5	17B0503-43	Sec-Butylbenzene	0.47			Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	Styrene		U		Y	0.012	0.081	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-07-4.5-5	17B0503-43	T-Butylbenzene	0.085			Y	0.0099	0.081	4
LB-07-4.5-5	17B0503-43	Tert-Butyl Alcohol		U		Y	0.18	1.6	4
LB-07-4.5-5	17B0503-43	Tert-Butyl Methyl Ether		U		Y	0.0073	0.081	4
LB-07-4.5-5	17B0503-43	Tetrachloroethylene (PCE)		U		Y	0.022	0.081	4
LB-07-4.5-5	17B0503-43	Tetrahydrofuran		U		Y	0.087	0.81	4
LB-07-4.5-5	17B0503-43	Toluene		U		Y	0.014	0.081	4
LB-07-4.5-5	17B0503-43	Toluene-D8	96.9			Y			4
LB-07-4.5-5	17B0503-43	Trans-1,2-Dichloroethene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	Trans-1,3-Dichloropropene		U		Y	0.0091	0.041	4
LB-07-4.5-5	17B0503-43	Trans-1,4-Dichloro-2-Butene		U		Y	0.025	0.16	4
LB-07-4.5-5	17B0503-43	Trichloroethylene (TCE)		U		Y	0.016	0.081	4
LB-07-4.5-5	17B0503-43	Trichlorofluoromethane		U		Y	0.012	0.16	4
LB-07-4.5-5	17B0503-43	Vinyl Chloride		U		Y	0.011	0.16	4
LB-07-8-8.5	17B0503-44	1,1,1,2-Tetrachloroethane		U		Y	0.0075	0.063	4
LB-07-8-8.5	17B0503-44	1,1,1-Trichloroethane		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	1,1,2,2-Tetrachloroethane		U		Y	0.01	0.031	4
LB-07-8-8.5	17B0503-44	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.012	0.063	4
LB-07-8-8.5	17B0503-44	1,1,2-Trichloroethane		U		Y	0.015	0.063	4
LB-07-8-8.5	17B0503-44	1,1-Dichloroethane		U		Y	0.0099	0.063	4
LB-07-8-8.5	17B0503-44	1,1-Dichloroethene		U		Y	0.013	0.063	4
LB-07-8-8.5	17B0503-44	1,1-Dichloropropene		U		Y	0.008	0.13	4
LB-07-8-8.5	17B0503-44	1,2,3-Trichlorobenzene		U		Y	0.0088	0.31	4
LB-07-8-8.5	17B0503-44	1,2,3-Trichloropropane		U		Y	0.014	0.13	4
LB-07-8-8.5	17B0503-44	1,2,4-Trichlorobenzene		U		Y	0.012	0.063	4
LB-07-8-8.5	17B0503-44	1,2,4-Trimethylbenzene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	1,2-Dibromo-3-Chloropropane		U		Y	0.023	0.31	4
LB-07-8-8.5	17B0503-44	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0093	0.031	4
LB-07-8-8.5	17B0503-44	1,2-Dichlorobenzene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	1,2-Dichloroethane		U		Y	0.012	0.063	4
LB-07-8-8.5	17B0503-44	1,2-Dichloroethane-D4	98.6			Y			4
LB-07-8-8.5	17B0503-44	1,2-Dichloropropane		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	1,3,5-Trichlorobenzene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	1,3-Dichlorobenzene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	1,3-Dichloropropane		U		Y	0.0082	0.031	4
LB-07-8-8.5	17B0503-44	1,4-Dichlorobenzene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	1,4-Dichlorobenzene-D4	30			Y			4
LB-07-8-8.5	17B0503-44	1,4-Difluorobenzene	30			Y			4
LB-07-8-8.5	17B0503-44	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.7	3.1	4
LB-07-8-8.5	17B0503-44	2,2-Dichloropropane		U		Y	0.013	0.063	4
LB-07-8-8.5	17B0503-44	2-Chlorotoluene		U		Y	0.0075	0.063	4
LB-07-8-8.5	17B0503-44	2-Hexanone		U	UJ	Y	0.095	0.63	4
LB-07-8-8.5	17B0503-44	2-Methoxy-2-Methylbutane		U		Y	0.0067	0.031	4
LB-07-8-8.5	17B0503-44	4-Chlorotoluene		U		Y	0.0088	0.063	4
LB-07-8-8.5	17B0503-44	Acetone		U		Y	0.31	3.1	4
LB-07-8-8.5	17B0503-44	Acrylonitrile		U		Y	0.036	0.31	4
LB-07-8-8.5	17B0503-44	Benzene		U		Y	0.0075	0.063	4
LB-07-8-8.5	17B0503-44	Bromobenzene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	Bromochloromethane		U		Y	0.014	0.063	4
LB-07-8-8.5	17B0503-44	Bromodichloromethane		U		Y	0.019	0.063	4
LB-07-8-8.5	17B0503-44	Bromoform		U		Y	0.013	0.13	4
LB-07-8-8.5	17B0503-44	Bromomethane		U		Y	0.059	0.13	4
LB-07-8-8.5	17B0503-44	Carbon Disulfide		U		Y	0.064	0.19	4
LB-07-8-8.5	17B0503-44	Carbon Tetrachloride		U		Y	0.016	0.063	4
LB-07-8-8.5	17B0503-44	Chlorobenzene		U		Y	0.01	0.063	4
LB-07-8-8.5	17B0503-44	Chlorobenzene-D5	30			Y			4
LB-07-8-8.5	17B0503-44	Chloroethane		U		Y	0.018	0.13	4
LB-07-8-8.5	17B0503-44	Chloroform		U		Y	0.014	0.13	4
LB-07-8-8.5	17B0503-44	Chloromethane		U	UJ	Y	0.035	0.13	4
LB-07-8-8.5	17B0503-44	Cis-1,2-Dichloroethylene		U		Y	0.0092	0.063	4
LB-07-8-8.5	17B0503-44	Cis-1,3-Dichloropropene		U		Y	0.0075	0.031	4
LB-07-8-8.5	17B0503-44	Cymene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	Dibromochloromethane		U		Y	0.0065	0.031	4
LB-07-8-8.5	17B0503-44	Dibromomethane		U		Y	0.01	0.063	4
LB-07-8-8.5	17B0503-44	Dichlorodifluoromethane		U		Y	0.018	0.13	4
LB-07-8-8.5	17B0503-44	Diethyl Ether (Ethyl Ether)		U		Y	0.014	0.13	4
LB-07-8-8.5	17B0503-44	Ethyl Tert-Butyl Ether		U		Y	0.006	0.031	4
LB-07-8-8.5	17B0503-44	Ethylbenzene		U		Y	0.0082	0.063	4

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LB-07-8-8.5	17B0503-44	Hexachlorobutadiene		U		Y	0.037	0.063	4
LB-07-8-8.5	17B0503-44	Isopropyl Ether		U		Y	0.011	0.031	4
LB-07-8-8.5	17B0503-44	Isopropylbenzene (Cumene)		U		Y	0.0075	0.063	4
LB-07-8-8.5	17B0503-44	m,p-Xylene		U		Y	0.016	0.13	4
LB-07-8-8.5	17B0503-44	Methyl Acetate		U	UJ	Y	0.026	0.63	4
LB-07-8-8.5	17B0503-44	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.15	1.3	4
LB-07-8-8.5	17B0503-44	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.092	0.63	4
LB-07-8-8.5	17B0503-44	Methylcyclohexane	0.068			Y	0.04	0.063	4
LB-07-8-8.5	17B0503-44	Methylene Chloride		U		Y	0.2	0.31	4
LB-07-8-8.5	17B0503-44	Naphthalene		U		Y	0.0076	0.13	4
LB-07-8-8.5	17B0503-44	N-Butylbenzene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	N-Propylbenzene		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	p-Bromofluorobenzene	102			Y			4
LB-07-8-8.5	17B0503-44	Pentafluorobenzene	30			Y			4
LB-07-8-8.5	17B0503-44	Sec-Butylbenzene		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	Styrene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	T-Butylbenzene		U		Y	0.0076	0.063	4
LB-07-8-8.5	17B0503-44	Tert-Butyl Alcohol		U		Y	0.14	1.3	4
LB-07-8-8.5	17B0503-44	Tert-Butyl Methyl Ether		U		Y	0.0057	0.063	4
LB-07-8-8.5	17B0503-44	Tetrachloroethylene (PCE)		U		Y	0.017	0.063	4
LB-07-8-8.5	17B0503-44	Tetrahydrofuran		U		Y	0.067	0.63	4
LB-07-8-8.5	17B0503-44	Toluene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	Toluene-D8	98.4			Y			4
LB-07-8-8.5	17B0503-44	Trans-1,2-Dichloroethene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	Trans-1,3-Dichloropropene		U		Y	0.007	0.031	4
LB-07-8-8.5	17B0503-44	Trans-1,4-Dichloro-2-Butene		U		Y	0.019	0.13	4
LB-07-8-8.5	17B0503-44	Trichloroethylene (TCE)		U		Y	0.013	0.063	4
LB-07-8-8.5	17B0503-44	Trichlorofluoromethane		U		Y	0.0092	0.13	4
LB-07-8-8.5	17B0503-44	Vinyl Chloride		U		Y	0.0084	0.13	4
LB-08-9-10	17B0503-45	1,1,1,2-Tetrachloroethane		U		Y	0.0019	0.0021	4
LB-08-9-10	17B0503-45	1,1,1-Trichloroethane		U		Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	1,1,2,2-Tetrachloroethane		U		Y	0.00094	0.001	4
LB-08-9-10	17B0503-45	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.00094	0.01	4
LB-08-9-10	17B0503-45	1,1,2-Trichloroethane		U		Y	0.0013	0.0021	4
LB-08-9-10	17B0503-45	1,1-Dichloroethane		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	1,1-Dichloroethene		U		Y	0.0012	0.0042	4
LB-08-9-10	17B0503-45	1,1-Dichloropropene		U		Y	0.00094	0.0021	4
LB-08-9-10	17B0503-45	1,2,3-Trichlorobenzene		U		Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	1,2,3-Trichloropropane		U		Y	0.0012	0.0021	4
LB-08-9-10	17B0503-45	1,2,4-Trichlorobenzene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	1,2,4-Trimethylbenzene	0.12			Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dibromo-3-Chloropropane		U		Y	0.0012	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dichlorobenzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dichloroethane		U		Y	0.0014	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dichloroethane-D4	106			Y			4
LB-08-9-10	17B0503-45	1,2-Dichloropropane		U		Y	0.0014	0.0021	4
LB-08-9-10	17B0503-45	1,3,5-Trichlorobenzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	1,3,5-Trimethylbenzene (Mesitylene)	0.027			Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	1,3-Dichlorobenzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	1,3-Dichloropropane		U		Y	0.00073	0.001	4
LB-08-9-10	17B0503-45	1,4-Dichlorobenzene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	1,4-Dichlorobenzene-D4	0.063			Y			4
LB-08-9-10	17B0503-45	1,4-Difluorobenzene	0.063			Y			4
LB-08-9-10	17B0503-45	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.06	0.1	4
LB-08-9-10	17B0503-45	2,2-Dichloropropane		U		Y	0.00094	0.0021	4
LB-08-9-10	17B0503-45	2-Chlorotoluene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	2-Hexanone		U		Y	0.011	0.021	4
LB-08-9-10	17B0503-45	2-Methoxy-2-Methylbutane		U		Y	0.00073	0.001	4
LB-08-9-10	17B0503-45	4-Chlorotoluene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Acetone		U		Y	0.025	0.1	4
LB-08-9-10	17B0503-45	Acrylonitrile		U		Y	0.0026	0.0063	4
LB-08-9-10	17B0503-45	Benzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	Bromobenzene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Bromochloromethane		U		Y	0.0015	0.0021	4
LB-08-9-10	17B0503-45	Bromodichloromethane		U		Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	Bromoform		U		Y	0.0015	0.0021	4

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LB-08-9-10	17B0503-45	Bromomethane		U		Y	0.0044	0.01	4
LB-08-9-10	17B0503-45	Carbon Disulfide		U		Y	0.0045	0.0063	4
LB-08-9-10	17B0503-45	Carbon Tetrachloride		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Chlorobenzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	Chlorobenzene-D5	0.063			Y			4
LB-08-9-10	17B0503-45	Chloroethane		U		Y	0.0016	0.021	4
LB-08-9-10	17B0503-45	Chloroform		U		Y	0.00073	0.0042	4
LB-08-9-10	17B0503-45	Chloromethane		U		Y	0.0067	0.01	4
LB-08-9-10	17B0503-45	Cis-1,2-Dichloroethylene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Cis-1,3-Dichloropropene		U		Y	0.00073	0.001	4
LB-08-9-10	17B0503-45	Cymene	0.0044			Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Dibromochloromethane		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	Dibromomethane		U		Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	Dichlorodifluoromethane		U		Y	0.0014	0.021	4
LB-08-9-10	17B0503-45	Diethyl Ether (Ethyl Ether)		U		Y	0.0019	0.021	4
LB-08-9-10	17B0503-45	Ethyl Tert-Butyl Ether		U		Y	0.00063	0.001	4
LB-08-9-10	17B0503-45	Ethylbenzene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Hexachlorobutadiene		U		Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	Isopropyl Ether		U		Y	0.00063	0.001	4
LB-08-9-10	17B0503-45	Isopropylbenzene (Cumene)	0.0088			Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	m,p-Xylene		U		Y	0.0018	0.0042	4
LB-08-9-10	17B0503-45	Methyl Acetate		U		Y	0.0017	0.0021	4
LB-08-9-10	17B0503-45	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.018	0.042	4
LB-08-9-10	17B0503-45	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.008	0.021	4
LB-08-9-10	17B0503-45	Methylcyclohexane	0.024			Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	Methylene Chloride		U		Y	0.0074	0.021	4
LB-08-9-10	17B0503-45	Naphthalene	0.011			Y	0.00073	0.0042	4
LB-08-9-10	17B0503-45	N-Butylbenzene	0.043			Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	N-Propylbenzene	0.05			Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	p-Bromofluorobenzene	108			Y			4
LB-08-9-10	17B0503-45	Pentafluorobenzene	0.063			Y			4
LB-08-9-10	17B0503-45	Sec-Butylbenzene	0.014			Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	Styrene		U		Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	T-Butylbenzene		U		Y	0.00094	0.0021	4
LB-08-9-10	17B0503-45	Tert-Butyl Alcohol		U	UJ	Y	0.022	0.042	4
LB-08-9-10	17B0503-45	Tert-Butyl Methyl Ether		U		Y	0.00094	0.0042	4
LB-08-9-10	17B0503-45	Tetrachloroethylene (PCE)		U		Y	0.0014	0.0021	4
LB-08-9-10	17B0503-45	Tetrahydrofuran		U		Y	0.0023	0.01	4
LB-08-9-10	17B0503-45	Toluene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Toluene-D8	103			Y			4
LB-08-9-10	17B0503-45	Trans-1,2-Dichloroethene		U		Y	0.00094	0.0021	4
LB-08-9-10	17B0503-45	Trans-1,3-Dichloropropene		U		Y	0.00073	0.001	4
LB-08-9-10	17B0503-45	Trans-1,4-Dichloro-2-Butene		U		Y	0.0022	0.0042	4
LB-08-9-10	17B0503-45	Trichloroethylene (TCE)		U		Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	Trichlorofluoromethane		U		Y	0.0012	0.01	4
LB-08-9-10	17B0503-45	Vinyl Chloride		U		Y	0.0012	0.01	4
LB-09-3-3.5	17B0503-46	1,1,1,2-Tetrachloroethane		U		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	1,1,1-Trichloroethane		U		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	1,1,2,2-Tetrachloroethane		U		Y	0.045	0.14	4
LB-09-3-3.5	17B0503-46	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.055	0.28	4
LB-09-3-3.5	17B0503-46	1,1,2-Trichloroethane		U		Y	0.067	0.28	4
LB-09-3-3.5	17B0503-46	1,1-Dichloroethane		U		Y	0.045	0.28	4
LB-09-3-3.5	17B0503-46	1,1-Dichloroethene		U		Y	0.06	0.28	4
LB-09-3-3.5	17B0503-46	1,1-Dichloropropene		U		Y	0.036	0.57	4
LB-09-3-3.5	17B0503-46	1,2,3-Trichlorobenzene		U		Y	0.04	1.4	4
LB-09-3-3.5	17B0503-46	1,2,3-Trichloropropane		U		Y	0.061	0.57	4
LB-09-3-3.5	17B0503-46	1,2,4-Trichlorobenzene		U		Y	0.054	0.28	4
LB-09-3-3.5	17B0503-46	1,2,4-Trimethylbenzene	3	D		Y	0.051	0.28	4
LB-09-3-3.5	17B0503-46	1,2-Dibromo-3-Chloropropane		U		Y	0.1	1.4	4
LB-09-3-3.5	17B0503-46	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.042	0.14	4
LB-09-3-3.5	17B0503-46	1,2-Dichlorobenzene		U		Y	0.048	0.28	4
LB-09-3-3.5	17B0503-46	1,2-Dichloroethane		U		Y	0.055	0.28	4
LB-09-3-3.5	17B0503-46	1,2-Dichloroethane-D4	92			Y			4
LB-09-3-3.5	17B0503-46	1,2-Dichloropropane		U		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	1,3,5-Trichlorobenzene		U		Y	0.048	0.28	4
LB-09-3-3.5	17B0503-46	1,3,5-Trimethylbenzene (Mesitylene)	1.7	D		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	1,3-Dichlorobenzene		U		Y	0.048	0.28	4

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LB-09-3-3.5	17B0503-46	1,3-Dichloropropane		U		Y	0.037	0.14	4
LB-09-3-3.5	17B0503-46	1,4-Dichlorobenzene		U		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	1,4-Dichlorobenzene-D4	30			Y			4
LB-09-3-3.5	17B0503-46	1,4-Difluorobenzene	30			Y			4
LB-09-3-3.5	17B0503-46	1,4-Dioxane (P-Dioxane)		U	UJ	Y	7.5	14	4
LB-09-3-3.5	17B0503-46	2,2-Dichloropropane		U		Y	0.06	0.28	4
LB-09-3-3.5	17B0503-46	2-Chlorotoluene		U		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	2-Hexanone		U	UJ	Y	0.43	2.8	4
LB-09-3-3.5	17B0503-46	2-Methoxy-2-Methylbutane		U		Y	0.03	0.14	4
LB-09-3-3.5	17B0503-46	4-Chlorotoluene		U		Y	0.04	0.28	4
LB-09-3-3.5	17B0503-46	Acetone		U		Y	1.4	14	4
LB-09-3-3.5	17B0503-46	Acrylonitrile		U		Y	0.16	1.4	4
LB-09-3-3.5	17B0503-46	Benzene		U		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	Bromobenzene		U		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	Bromochloromethane		U		Y	0.063	0.28	4
LB-09-3-3.5	17B0503-46	Bromodichloromethane		U		Y	0.084	0.28	4
LB-09-3-3.5	17B0503-46	Bromoform		U		Y	0.06	0.57	4
LB-09-3-3.5	17B0503-46	Bromomethane		U		Y	0.27	0.57	4
LB-09-3-3.5	17B0503-46	Carbon Disulfide		U		Y	0.29	0.85	4
LB-09-3-3.5	17B0503-46	Carbon Tetrachloride		U		Y	0.07	0.28	4
LB-09-3-3.5	17B0503-46	Chlorobenzene		U		Y	0.045	0.28	4
LB-09-3-3.5	17B0503-46	Chlorobenzene-D5	30			Y			4
LB-09-3-3.5	17B0503-46	Chloroethane		U		Y	0.079	0.57	4
LB-09-3-3.5	17B0503-46	Chloroform		U		Y	0.062	0.57	4
LB-09-3-3.5	17B0503-46	Chloromethane		U	UJ	Y	0.16	0.57	4
LB-09-3-3.5	17B0503-46	Cis-1,2-Dichloroethylene		U		Y	0.042	0.28	4
LB-09-3-3.5	17B0503-46	Cis-1,3-Dichloropropene		U		Y	0.034	0.14	4
LB-09-3-3.5	17B0503-46	Cymene	3.5	D		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	Dibromochloromethane		U		Y	0.029	0.14	4
LB-09-3-3.5	17B0503-46	Dibromomethane		U		Y	0.045	0.28	4
LB-09-3-3.5	17B0503-46	Dichlorodifluoromethane		U		Y	0.081	0.57	4
LB-09-3-3.5	17B0503-46	Diethyl Ether (Ethyl Ether)		U		Y	0.063	0.57	4
LB-09-3-3.5	17B0503-46	Ethyl Tert-Butyl Ether		U		Y	0.027	0.14	4
LB-09-3-3.5	17B0503-46	Ethylbenzene		U		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	Hexachlorobutadiene		U		Y	0.17	0.28	4
LB-09-3-3.5	17B0503-46	Isopropyl Ether		U		Y	0.051	0.14	4
LB-09-3-3.5	17B0503-46	Isopropylbenzene (Cumene)	0.4	D		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	m,p-Xylene		U		Y	0.072	0.57	4
LB-09-3-3.5	17B0503-46	Methyl Acetate		U	UJ	Y	0.12	2.8	4
LB-09-3-3.5	17B0503-46	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.67	5.7	4
LB-09-3-3.5	17B0503-46	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.42	2.8	4
LB-09-3-3.5	17B0503-46	Methylcyclohexane		U		Y	0.18	0.28	4
LB-09-3-3.5	17B0503-46	Methylene Chloride		U		Y	0.9	1.4	4
LB-09-3-3.5	17B0503-46	Naphthalene		U		Y	0.034	0.57	4
LB-09-3-3.5	17B0503-46	N-Butylbenzene	1.9	D		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	N-Propylbenzene	0.92	D		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	p-Bromofluorobenzene	109			Y			4
LB-09-3-3.5	17B0503-46	Pentafluorobenzene	30			Y			4
LB-09-3-3.5	17B0503-46	Sec-Butylbenzene	2.9	D		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	Styrene		U		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	T-Butylbenzene	0.39	D		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	Tert-Butyl Alcohol		U		Y	0.61	5.7	4
LB-09-3-3.5	17B0503-46	Tert-Butyl Methyl Ether		U		Y	0.026	0.28	4
LB-09-3-3.5	17B0503-46	Tetrachloroethylene (PCE)		U		Y	0.077	0.28	4
LB-09-3-3.5	17B0503-46	Tetrahydrofuran		U		Y	0.3	2.8	4
LB-09-3-3.5	17B0503-46	Toluene		U		Y	0.048	0.28	4
LB-09-3-3.5	17B0503-46	Toluene-D8	99.1			Y			4
LB-09-3-3.5	17B0503-46	Trans-1,2-Dichloroethene		U		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	Trans-1,3-Dichloropropene		U		Y	0.032	0.14	4
LB-09-3-3.5	17B0503-46	Trans-1,4-Dichloro-2-Butene		U		Y	0.088	0.57	4
LB-09-3-3.5	17B0503-46	Trichloroethylene (TCE)		U		Y	0.057	0.28	4
LB-09-3-3.5	17B0503-46	Trichlorofluoromethane		U		Y	0.042	0.57	4
LB-09-3-3.5	17B0503-46	Vinyl Chloride		U		Y	0.038	0.57	4
LB-09-4-5-5	17B0503-47	1,1,1,2-Tetrachloroethane		U		Y	0.035	0.3	4
LB-09-4-5-5	17B0503-47	1,1,1-Trichloroethane		U		Y	0.039	0.3	4
LB-09-4-5-5	17B0503-47	1,1,2,2-Tetrachloroethane		U		Y	0.048	0.15	4
LB-09-4-5-5	17B0503-47	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.058	0.3	4

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LB-09-4.5-5	17B0503-47	1,1,2-Trichloroethane		U		Y	0.07	0.3	4
LB-09-4.5-5	17B0503-47	1,1-Dichloroethane		U		Y	0.047	0.3	4
LB-09-4.5-5	17B0503-47	1,1-Dichloroethene		U		Y	0.062	0.3	4
LB-09-4.5-5	17B0503-47	1,1-Dichloropropene		U		Y	0.038	0.59	4
LB-09-4.5-5	17B0503-47	1,2,3-Trichlorobenzene		U		Y	0.042	1.5	4
LB-09-4.5-5	17B0503-47	1,2,3-Trichloropropane		U		Y	0.064	0.59	4
LB-09-4.5-5	17B0503-47	1,2,4-Trichlorobenzene		U		Y	0.056	0.3	4
LB-09-4.5-5	17B0503-47	1,2,4-Trimethylbenzene	2	D		Y	0.054	0.3	4
LB-09-4.5-5	17B0503-47	1,2-Dibromo-3-Chloropropane		U		Y	0.11	1.5	4
LB-09-4.5-5	17B0503-47	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.044	0.15	4
LB-09-4.5-5	17B0503-47	1,2-Dichlorobenzene		U		Y	0.051	0.3	4
LB-09-4.5-5	17B0503-47	1,2-Dichloroethane		U		Y	0.058	0.3	4
LB-09-4.5-5	17B0503-47	1,2-Dichloroethane-D4	94.9			Y			4
LB-09-4.5-5	17B0503-47	1,2-Dichloropropane		U		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	1,3,5-Trichlorobenzene		U		Y	0.051	0.3	4
LB-09-4.5-5	17B0503-47	1,3,5-Trimethylbenzene (Mesitylene)	2	D		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	1,3-Dichlorobenzene		U		Y	0.051	0.3	4
LB-09-4.5-5	17B0503-47	1,3-Dichloropropane		U		Y	0.039	0.15	4
LB-09-4.5-5	17B0503-47	1,4-Dichlorobenzene		U		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	1,4-Dichlorobenzene-D4	30			Y			4
LB-09-4.5-5	17B0503-47	1,4-Difluorobenzene	30			Y			4
LB-09-4.5-5	17B0503-47	1,4-Dioxane (P-Dioxane)		U	UJ	Y	7.9	15	4
LB-09-4.5-5	17B0503-47	2,2-Dichloropropane		U		Y	0.063	0.3	4
LB-09-4.5-5	17B0503-47	2-Chlorotoluene		U		Y	0.036	0.3	4
LB-09-4.5-5	17B0503-47	2-Hexanone		U	UJ	Y	0.45	3	4
LB-09-4.5-5	17B0503-47	2-Methoxy-2-Methylbutane		U		Y	0.032	0.15	4
LB-09-4.5-5	17B0503-47	4-Chlorotoluene		U		Y	0.042	0.3	4
LB-09-4.5-5	17B0503-47	Acetone		U		Y	1.4	15	4
LB-09-4.5-5	17B0503-47	Acrylonitrile		U		Y	0.17	1.5	4
LB-09-4.5-5	17B0503-47	Benzene		U		Y	0.036	0.3	4
LB-09-4.5-5	17B0503-47	Bromobenzene		U		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	Bromochloromethane		U		Y	0.066	0.3	4
LB-09-4.5-5	17B0503-47	Bromodichloromethane		U		Y	0.088	0.3	4
LB-09-4.5-5	17B0503-47	Bromoform		U		Y	0.062	0.59	4
LB-09-4.5-5	17B0503-47	Bromomethane		U		Y	0.28	0.59	4
LB-09-4.5-5	17B0503-47	Carbon Disulfide		U		Y	0.3	0.89	4
LB-09-4.5-5	17B0503-47	Carbon Tetrachloride		U		Y	0.073	0.3	4
LB-09-4.5-5	17B0503-47	Chlorobenzene		U		Y	0.048	0.3	4
LB-09-4.5-5	17B0503-47	Chlorobenzene-D5	30			Y			4
LB-09-4.5-5	17B0503-47	Chloroethane		U		Y	0.083	0.59	4
LB-09-4.5-5	17B0503-47	Chloroform		U		Y	0.065	0.59	4
LB-09-4.5-5	17B0503-47	Chloromethane		U	UJ	Y	0.16	0.59	4
LB-09-4.5-5	17B0503-47	Cis-1,2-Dichloroethylene		U		Y	0.044	0.3	4
LB-09-4.5-5	17B0503-47	Cis-1,3-Dichloropropene		U		Y	0.036	0.15	4
LB-09-4.5-5	17B0503-47	Cymene	1.4	D		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	Dibromochloromethane		U		Y	0.031	0.15	4
LB-09-4.5-5	17B0503-47	Dibromomethane		U		Y	0.048	0.3	4
LB-09-4.5-5	17B0503-47	Dichlorodifluoromethane		U		Y	0.084	0.59	4
LB-09-4.5-5	17B0503-47	Diethyl Ether (Ethyl Ether)		U		Y	0.066	0.59	4
LB-09-4.5-5	17B0503-47	Ethyl Tert-Butyl Ether		U		Y	0.028	0.15	4
LB-09-4.5-5	17B0503-47	Ethylbenzene		U		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	Hexachlorobutadiene		U		Y	0.18	0.3	4
LB-09-4.5-5	17B0503-47	Isopropyl Ether		U		Y	0.054	0.15	4
LB-09-4.5-5	17B0503-47	Isopropylbenzene (Cumene)		U		Y	0.036	0.3	4
LB-09-4.5-5	17B0503-47	m,p-Xylene		U		Y	0.076	0.59	4
LB-09-4.5-5	17B0503-47	Methyl Acetate		U	UJ	Y	0.12	3	4
LB-09-4.5-5	17B0503-47	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.7	5.9	4
LB-09-4.5-5	17B0503-47	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.44	3	4
LB-09-4.5-5	17B0503-47	Methylcyclohexane		U		Y	0.19	0.3	4
LB-09-4.5-5	17B0503-47	Methylene Chloride		U		Y	0.95	1.5	4
LB-09-4.5-5	17B0503-47	Naphthalene		U		Y	0.036	0.59	4
LB-09-4.5-5	17B0503-47	N-Butylbenzene	1.9	D		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	N-Propylbenzene	0.52	D		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	p-Bromofluorobenzene	113			Y			4
LB-09-4.5-5	17B0503-47	Pentafluorobenzene	30			Y			4
LB-09-4.5-5	17B0503-47	Sec-Butylbenzene	2.2	D		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	Styrene		U		Y	0.045	0.3	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-09-4.5-5	17B0503-47	T-Butylbenzene	0.3	D		Y	0.036	0.3	4
LB-09-4.5-5	17B0503-47	Tert-Butyl Alcohol		U		Y	0.64	5.9	4
LB-09-4.5-5	17B0503-47	Tert-Butyl Methyl Ether		U		Y	0.027	0.3	4
LB-09-4.5-5	17B0503-47	Tetrachloroethylene (PCE)		U		Y	0.081	0.3	4
LB-09-4.5-5	17B0503-47	Tetrahydrofuran		U		Y	0.32	3	4
LB-09-4.5-5	17B0503-47	Toluene		U		Y	0.051	0.3	4
LB-09-4.5-5	17B0503-47	Toluene-D8	99.3			Y			4
LB-09-4.5-5	17B0503-47	Trans-1,2-Dichloroethene		U		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	Trans-1,3-Dichloropropene		U		Y	0.033	0.15	4
LB-09-4.5-5	17B0503-47	Trans-1,4-Dichloro-2-Butene		U		Y	0.092	0.59	4
LB-09-4.5-5	17B0503-47	Trichloroethylene (TCE)		U		Y	0.059	0.3	4
LB-09-4.5-5	17B0503-47	Trichlorofluoromethane		U		Y	0.044	0.59	4
LB-09-4.5-5	17B0503-47	Vinyl Chloride		U		Y	0.04	0.59	4
LB-12-1-1.5	17B0503-48	1,1,1,2-Tetrachloroethane		U		Y	0.01	0.088	4
LB-12-1-1.5	17B0503-48	1,1,1-Trichloroethane		U		Y	0.012	0.088	4
LB-12-1-1.5	17B0503-48	1,1,2,2-Tetrachloroethane		U		Y	0.014	0.044	4
LB-12-1-1.5	17B0503-48	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.017	0.088	4
LB-12-1-1.5	17B0503-48	1,1,2-Trichloroethane		U		Y	0.021	0.088	4
LB-12-1-1.5	17B0503-48	1,1-Dichloroethane		U		Y	0.014	0.088	4
LB-12-1-1.5	17B0503-48	1,1-Dichloroethene		U		Y	0.018	0.088	4
LB-12-1-1.5	17B0503-48	1,1-Dichloropropene		U		Y	0.011	0.18	4
LB-12-1-1.5	17B0503-48	1,2,3-Trichlorobenzene		U		Y	0.012	0.44	4
LB-12-1-1.5	17B0503-48	1,2,3-Trichloropropane		U		Y	0.019	0.18	4
LB-12-1-1.5	17B0503-48	1,2,4-Trichlorobenzene		U		Y	0.017	0.088	4
LB-12-1-1.5	17B0503-48	1,2,4-Trimethylbenzene	7			Y	0.016	0.088	4
LB-12-1-1.5	17B0503-48	1,2-Dibromo-3-Chloropropane		U		Y	0.032	0.44	4
LB-12-1-1.5	17B0503-48	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.013	0.044	4
LB-12-1-1.5	17B0503-48	1,2-Dichlorobenzene		U		Y	0.015	0.088	4
LB-12-1-1.5	17B0503-48	1,2-Dichloroethane		U		Y	0.017	0.088	4
LB-12-1-1.5	17B0503-48	1,2-Dichloroethane-D4	89.7			Y			4
LB-12-1-1.5	17B0503-48	1,2-Dichloropropane		U		Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	1,3,5-Trichlorobenzene		U		Y	0.015	0.088	4
LB-12-1-1.5	17B0503-48	1,3,5-Trimethylbenzene (Mesitylene)	1.9		J	Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	1,3-Dichlorobenzene		U		Y	0.015	0.088	4
LB-12-1-1.5	17B0503-48	1,3-Dichloropropane		U		Y	0.011	0.044	4
LB-12-1-1.5	17B0503-48	1,4-Dichlorobenzene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	1,4-Dichlorobenzene-D4	30			Y			4
LB-12-1-1.5	17B0503-48	1,4-Difluorobenzene	30			Y			4
LB-12-1-1.5	17B0503-48	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2.3	4.4	4
LB-12-1-1.5	17B0503-48	2,2-Dichloropropane		U		Y	0.019	0.088	4
LB-12-1-1.5	17B0503-48	2-Chlorotoluene		U		Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	2-Hexanone		U	UJ	Y	0.13	0.88	4
LB-12-1-1.5	17B0503-48	2-Methoxy-2-Methylbutane		U		Y	0.0093	0.044	4
LB-12-1-1.5	17B0503-48	4-Chlorotoluene		U		Y	0.012	0.088	4
LB-12-1-1.5	17B0503-48	Acetone		U		Y	0.43	4.4	4
LB-12-1-1.5	17B0503-48	Acrylonitrile		U		Y	0.051	0.44	4
LB-12-1-1.5	17B0503-48	Benzene		U		Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	Bromobenzene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	Bromochloromethane		U		Y	0.02	0.088	4
LB-12-1-1.5	17B0503-48	Bromodichloromethane		U		Y	0.026	0.088	4
LB-12-1-1.5	17B0503-48	Bromoform		U		Y	0.018	0.18	4
LB-12-1-1.5	17B0503-48	Bromomethane		U		Y	0.083	0.18	4
LB-12-1-1.5	17B0503-48	Carbon Disulfide		U		Y	0.09	0.26	4
LB-12-1-1.5	17B0503-48	Carbon Tetrachloride		U		Y	0.022	0.088	4
LB-12-1-1.5	17B0503-48	Chlorobenzene		U		Y	0.014	0.088	4
LB-12-1-1.5	17B0503-48	Chlorobenzene-D5	30			Y			4
LB-12-1-1.5	17B0503-48	Chloroethane		U		Y	0.025	0.18	4
LB-12-1-1.5	17B0503-48	Chloroform		U		Y	0.019	0.18	4
LB-12-1-1.5	17B0503-48	Chloromethane		U	UJ	Y	0.049	0.18	4
LB-12-1-1.5	17B0503-48	Cis-1,2-Dichloroethylene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	Cis-1,3-Dichloropropene		U		Y	0.011	0.044	4
LB-12-1-1.5	17B0503-48	Cymene	2			Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	Dibromochloromethane		U		Y	0.0091	0.044	4
LB-12-1-1.5	17B0503-48	Dibromomethane		U		Y	0.014	0.088	4
LB-12-1-1.5	17B0503-48	Dichlorodifluoromethane		U		Y	0.025	0.18	4
LB-12-1-1.5	17B0503-48	Diethyl Ether (Ethyl Ether)		U		Y	0.02	0.18	4
LB-12-1-1.5	17B0503-48	Ethyl Tert-Butyl Ether		U		Y	0.0084	0.044	4
LB-12-1-1.5	17B0503-48	Ethylbenzene	1.2		J	Y	0.011	0.088	4

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LB-12-1-1.5	17B0503-48	Hexachlorobutadiene		U		Y	0.052	0.088	4
LB-12-1-1.5	17B0503-48	Isopropyl Ether		U		Y	0.016	0.044	4
LB-12-1-1.5	17B0503-48	Isopropylbenzene (Cumene)	0.38		J	Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	m,p-Xylene	2.5		J	Y	0.022	0.18	4
LB-12-1-1.5	17B0503-48	Methyl Acetate		U	UJ	Y	0.037	0.88	4
LB-12-1-1.5	17B0503-48	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.21	1.8	4
LB-12-1-1.5	17B0503-48	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.13	0.88	4
LB-12-1-1.5	17B0503-48	Methylcyclohexane	9.7		J	Y	0.055	0.088	4
LB-12-1-1.5	17B0503-48	Methylene Chloride		U		Y	0.28	0.44	4
LB-12-1-1.5	17B0503-48	Naphthalene	0.86			Y	0.011	0.18	4
LB-12-1-1.5	17B0503-48	N-Butylbenzene	2.9			Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	N-Propylbenzene	0.88		J	Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	O-Xylene (1,2-Dimethylbenzene)	0.14		J	Y	0.012	0.088	4
LB-12-1-1.5	17B0503-48	p-Bromofluorobenzene	118			Y			4
LB-12-1-1.5	17B0503-48	Pentafluorobenzene	30			Y			4
LB-12-1-1.5	17B0503-48	Sec-Butylbenzene	1.8			Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	Styrene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	T-Butylbenzene	0.18			Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	Tert-Butyl Alcohol		U		Y	0.19	1.8	4
LB-12-1-1.5	17B0503-48	Tert-Butyl Methyl Ether		U		Y	0.0079	0.088	4
LB-12-1-1.5	17B0503-48	Tetrachloroethylene (PCE)		U		Y	0.024	0.088	4
LB-12-1-1.5	17B0503-48	Tetrahydrofuran		U		Y	0.094	0.88	4
LB-12-1-1.5	17B0503-48	Toluene		U		Y	0.015	0.088	4
LB-12-1-1.5	17B0503-48	Toluene-D8	96.9			Y			4
LB-12-1-1.5	17B0503-48	Trans-1,2-Dichloroethene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	Trans-1,3-Dichloropropene		U		Y	0.0099	0.044	4
LB-12-1-1.5	17B0503-48	Trans-1,4-Dichloro-2-Butene		U		Y	0.027	0.18	4
LB-12-1-1.5	17B0503-48	Trichloroethylene (TCE)		U		Y	0.018	0.088	4
LB-12-1-1.5	17B0503-48	Trichlorofluoromethane		U		Y	0.013	0.18	4
LB-12-1-1.5	17B0503-48	Vinyl Chloride		U		Y	0.012	0.18	4
LB-12-1.5-2	17B0503-49	1,1,1,2-Tetrachloroethane		U		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	1,1,1-Trichloroethane		U		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	1,1,2,2-Tetrachloroethane		U		Y	0.026	0.08	4
LB-12-1.5-2	17B0503-49	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.031	0.16	4
LB-12-1.5-2	17B0503-49	1,1,2-Trichloroethane		U		Y	0.038	0.16	4
LB-12-1.5-2	17B0503-49	1,1-Dichloroethane		U		Y	0.025	0.16	4
LB-12-1.5-2	17B0503-49	1,1-Dichloroethene		U		Y	0.034	0.16	4
LB-12-1.5-2	17B0503-49	1,1-Dichloropropene		U		Y	0.021	0.32	4
LB-12-1.5-2	17B0503-49	1,2,3-Trichlorobenzene		U		Y	0.023	0.8	4
LB-12-1.5-2	17B0503-49	1,2,3-Trichloropropane		U		Y	0.035	0.32	4
LB-12-1.5-2	17B0503-49	1,2,4-Trichlorobenzene		U		Y	0.031	0.16	4
LB-12-1.5-2	17B0503-49	1,2,4-Trimethylbenzene	15	D		Y	0.029	0.16	4
LB-12-1.5-2	17B0503-49	1,2-Dibromo-3-Chloropropane		U		Y	0.059	0.8	4
LB-12-1.5-2	17B0503-49	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.024	0.08	4
LB-12-1.5-2	17B0503-49	1,2-Dichlorobenzene		U		Y	0.027	0.16	4
LB-12-1.5-2	17B0503-49	1,2-Dichloroethane		U		Y	0.031	0.16	4
LB-12-1.5-2	17B0503-49	1,2-Dichloroethane-D4	92			Y			4
LB-12-1.5-2	17B0503-49	1,2-Dichloropropane		U		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	1,3,5-Trichlorobenzene		U		Y	0.027	0.16	4
LB-12-1.5-2	17B0503-49	1,3,5-Trimethylbenzene (Mesitylene)	4.4	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	1,3-Dichlorobenzene		U		Y	0.027	0.16	4
LB-12-1.5-2	17B0503-49	1,3-Dichloropropane		U		Y	0.021	0.08	4
LB-12-1.5-2	17B0503-49	1,4-Dichlorobenzene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	1,4-Dichlorobenzene-D4	30			Y			4
LB-12-1.5-2	17B0503-49	1,4-Difluorobenzene	30			Y			4
LB-12-1.5-2	17B0503-49	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4.3	8	4
LB-12-1.5-2	17B0503-49	2,2-Dichloropropane		U		Y	0.034	0.16	4
LB-12-1.5-2	17B0503-49	2-Chlorotoluene		U		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	2-Hexanone		U	UJ	Y	0.24	1.6	4
LB-12-1.5-2	17B0503-49	2-Methoxy-2-Methylbutane		U		Y	0.017	0.08	4
LB-12-1.5-2	17B0503-49	4-Chlorotoluene		U		Y	0.023	0.16	4
LB-12-1.5-2	17B0503-49	Acetone		U		Y	0.78	8	4
LB-12-1.5-2	17B0503-49	Acrylonitrile		U		Y	0.093	0.8	4
LB-12-1.5-2	17B0503-49	Benzene		U		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	Bromobenzene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	Bromochloromethane		U		Y	0.036	0.16	4
LB-12-1.5-2	17B0503-49	Bromodichloromethane		U		Y	0.047	0.16	4
LB-12-1.5-2	17B0503-49	Bromoform		U		Y	0.034	0.32	4

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LB-12-1.5-2	17B0503-49	Bromomethane		U		Y	0.15	0.32	4
LB-12-1.5-2	17B0503-49	Carbon Disulfide		U		Y	0.16	0.48	4
LB-12-1.5-2	17B0503-49	Carbon Tetrachloride		U		Y	0.04	0.16	4
LB-12-1.5-2	17B0503-49	Chlorobenzene		U		Y	0.026	0.16	4
LB-12-1.5-2	17B0503-49	Chlorobenzene-D5	30			Y			4
LB-12-1.5-2	17B0503-49	Chloroethane		U		Y	0.045	0.32	4
LB-12-1.5-2	17B0503-49	Chloroform		U		Y	0.035	0.32	4
LB-12-1.5-2	17B0503-49	Chloromethane		U	UJ	Y	0.089	0.32	4
LB-12-1.5-2	17B0503-49	Cis-1,2-Dichloroethylene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	Cis-1,3-Dichloropropene		U		Y	0.019	0.08	4
LB-12-1.5-2	17B0503-49	Cymene	3.2	D		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	Dibromochloromethane		U		Y	0.017	0.08	4
LB-12-1.5-2	17B0503-49	Dibromomethane		U		Y	0.026	0.16	4
LB-12-1.5-2	17B0503-49	Dichlorodifluoromethane		U		Y	0.046	0.32	4
LB-12-1.5-2	17B0503-49	Diethyl Ether (Ethyl Ether)		U		Y	0.036	0.32	4
LB-12-1.5-2	17B0503-49	Ethyl Tert-Butyl Ether		U		Y	0.015	0.08	4
LB-12-1.5-2	17B0503-49	Ethylbenzene	2.4	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	Hexachlorobutadiene		U		Y	0.095	0.16	4
LB-12-1.5-2	17B0503-49	Isopropyl Ether		U		Y	0.029	0.08	4
LB-12-1.5-2	17B0503-49	Isopropylbenzene (Cumene)	0.43	D		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	m,p-Xylene	6.5	D		Y	0.041	0.32	4
LB-12-1.5-2	17B0503-49	Methyl Acetate		U	UJ	Y	0.068	1.6	4
LB-12-1.5-2	17B0503-49	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.38	3.2	4
LB-12-1.5-2	17B0503-49	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.24	1.6	4
LB-12-1.5-2	17B0503-49	Methylcyclohexane	12	D		Y	0.1	0.16	4
LB-12-1.5-2	17B0503-49	Methylene Chloride		U		Y	0.51	0.8	4
LB-12-1.5-2	17B0503-49	Naphthalene	1.3	D		Y	0.019	0.32	4
LB-12-1.5-2	17B0503-49	N-Butylbenzene	3.2	D		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	N-Propylbenzene	1	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	O-Xylene (1,2-Dimethylbenzene)	0.39	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	p-Bromofluorobenzene	109			Y			4
LB-12-1.5-2	17B0503-49	Pentafluorobenzene	30			Y			4
LB-12-1.5-2	17B0503-49	Sec-Butylbenzene	1.9	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	Styrene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	T-Butylbenzene	0.19	D		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	Tert-Butyl Alcohol		U		Y	0.35	3.2	4
LB-12-1.5-2	17B0503-49	Tert-Butyl Methyl Ether		U		Y	0.014	0.16	4
LB-12-1.5-2	17B0503-49	Tetrachloroethylene (PCE)		U		Y	0.044	0.16	4
LB-12-1.5-2	17B0503-49	Tetrahydrofuran		U		Y	0.17	1.6	4
LB-12-1.5-2	17B0503-49	Toluene		U		Y	0.027	0.16	4
LB-12-1.5-2	17B0503-49	Toluene-D8	96.6			Y			4
LB-12-1.5-2	17B0503-49	Trans-1,2-Dichloroethene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	Trans-1,3-Dichloropropene		U		Y	0.018	0.08	4
LB-12-1.5-2	17B0503-49	Trans-1,4-Dichloro-2-Butene		U		Y	0.05	0.32	4
LB-12-1.5-2	17B0503-49	Trichloroethylene (TCE)		U		Y	0.032	0.16	4
LB-12-1.5-2	17B0503-49	Trichlorofluoromethane		U		Y	0.024	0.32	4
LB-12-1.5-2	17B0503-49	Vinyl Chloride		U		Y	0.021	0.32	4
LB-12-4-4.5	17B0503-50	1,1,1,2-Tetrachloroethane		U		Y	0.0091	0.076	4
LB-12-4-4.5	17B0503-50	1,1,1-Trichloroethane		U		Y	0.01	0.076	4
LB-12-4-4.5	17B0503-50	1,1,2,2-Tetrachloroethane		U		Y	0.012	0.038	4
LB-12-4-4.5	17B0503-50	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.015	0.076	4
LB-12-4-4.5	17B0503-50	1,1,2-Trichloroethane		U		Y	0.018	0.076	4
LB-12-4-4.5	17B0503-50	1,1-Dichloroethane		U		Y	0.012	0.076	4
LB-12-4-4.5	17B0503-50	1,1-Dichloroethene		U		Y	0.016	0.076	4
LB-12-4-4.5	17B0503-50	1,1-Dichloropropene		U		Y	0.0098	0.15	4
LB-12-4-4.5	17B0503-50	1,2,3-Trichlorobenzene		U		Y	0.011	0.38	4
LB-12-4-4.5	17B0503-50	1,2,3-Trichloropropane		U		Y	0.016	0.15	4
LB-12-4-4.5	17B0503-50	1,2,4-Trichlorobenzene		U		Y	0.014	0.076	4
LB-12-4-4.5	17B0503-50	1,2,4-Trimethylbenzene	1.2			Y	0.014	0.076	4
LB-12-4-4.5	17B0503-50	1,2-Dibromo-3-Chloropropane		U		Y	0.028	0.38	4
LB-12-4-4.5	17B0503-50	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.011	0.038	4
LB-12-4-4.5	17B0503-50	1,2-Dichlorobenzene		U		Y	0.013	0.076	4
LB-12-4-4.5	17B0503-50	1,2-Dichloroethane		U		Y	0.015	0.076	4
LB-12-4-4.5	17B0503-50	1,2-Dichloroethane-D4	95.6			Y			4
LB-12-4-4.5	17B0503-50	1,2-Dichloropropane		U		Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	1,3,5-Trichlorobenzene		U		Y	0.013	0.076	4
LB-12-4-4.5	17B0503-50	1,3,5-Trimethylbenzene (Mesitylene)	0.34			Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	1,3-Dichlorobenzene		U		Y	0.013	0.076	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-4-4.5	17B0503-50	1,3-Dichloropropane		U		Y	0.0099	0.038	4
LB-12-4-4.5	17B0503-50	1,4-Dichlorobenzene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	1,4-Dichlorobenzene-D4	30			Y			4
LB-12-4-4.5	17B0503-50	1,4-Difluorobenzene	30			Y			4
LB-12-4-4.5	17B0503-50	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2	3.8	4
LB-12-4-4.5	17B0503-50	2,2-Dichloropropane		U		Y	0.016	0.076	4
LB-12-4-4.5	17B0503-50	2-Chlorotoluene		U		Y	0.0091	0.076	4
LB-12-4-4.5	17B0503-50	2-Hexanone		U	UJ	Y	0.12	0.76	4
LB-12-4-4.5	17B0503-50	2-Methoxy-2-Methylbutane		U		Y	0.0081	0.038	4
LB-12-4-4.5	17B0503-50	4-Chlorotoluene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Acetone		U		Y	0.37	3.8	4
LB-12-4-4.5	17B0503-50	Acrylonitrile		U		Y	0.044	0.38	4
LB-12-4-4.5	17B0503-50	Benzene		U		Y	0.0091	0.076	4
LB-12-4-4.5	17B0503-50	Bromobenzene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Bromochloromethane		U		Y	0.017	0.076	4
LB-12-4-4.5	17B0503-50	Bromodichloromethane		U		Y	0.022	0.076	4
LB-12-4-4.5	17B0503-50	Bromoform		U		Y	0.016	0.15	4
LB-12-4-4.5	17B0503-50	Bromomethane		U		Y	0.072	0.15	4
LB-12-4-4.5	17B0503-50	Carbon Disulfide		U		Y	0.078	0.23	4
LB-12-4-4.5	17B0503-50	Carbon Tetrachloride		U		Y	0.019	0.076	4
LB-12-4-4.5	17B0503-50	Chlorobenzene		U		Y	0.012	0.076	4
LB-12-4-4.5	17B0503-50	Chlorobenzene-D5	30			Y			4
LB-12-4-4.5	17B0503-50	Chloroethane		U		Y	0.021	0.15	4
LB-12-4-4.5	17B0503-50	Chloroform		U		Y	0.017	0.15	4
LB-12-4-4.5	17B0503-50	Chloromethane		U	UJ	Y	0.042	0.15	4
LB-12-4-4.5	17B0503-50	Cis-1,2-Dichloroethylene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Cis-1,3-Dichloropropene		U		Y	0.0091	0.038	4
LB-12-4-4.5	17B0503-50	Cymene	0.21			Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Dibromochloromethane		U		Y	0.0079	0.038	4
LB-12-4-4.5	17B0503-50	Dibromomethane		U		Y	0.012	0.076	4
LB-12-4-4.5	17B0503-50	Dichlorodifluoromethane		U		Y	0.022	0.15	4
LB-12-4-4.5	17B0503-50	Diethyl Ether (Ethyl Ether)		U		Y	0.017	0.15	4
LB-12-4-4.5	17B0503-50	Ethyl Tert-Butyl Ether		U		Y	0.0072	0.038	4
LB-12-4-4.5	17B0503-50	Ethylbenzene	0.29			Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	Hexachlorobutadiene		U		Y	0.045	0.076	4
LB-12-4-4.5	17B0503-50	Isopropyl Ether		U		Y	0.014	0.038	4
LB-12-4-4.5	17B0503-50	Isopropylbenzene (Cumene)	0.091			Y	0.0091	0.076	4
LB-12-4-4.5	17B0503-50	m,p-Xylene	0.93			Y	0.019	0.15	4
LB-12-4-4.5	17B0503-50	Methyl Acetate		U	UJ	Y	0.032	0.76	4
LB-12-4-4.5	17B0503-50	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.18	1.5	4
LB-12-4-4.5	17B0503-50	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.11	0.76	4
LB-12-4-4.5	17B0503-50	Methylcyclohexane	1.5			Y	0.048	0.076	4
LB-12-4-4.5	17B0503-50	Methylene Chloride		U		Y	0.24	0.38	4
LB-12-4-4.5	17B0503-50	Naphthalene	0.29			Y	0.0092	0.15	4
LB-12-4-4.5	17B0503-50	N-Butylbenzene	0.48			Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	N-Propylbenzene	0.2			Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	O-Xylene (1,2-Dimethylbenzene)	0.087			Y	0.01	0.076	4
LB-12-4-4.5	17B0503-50	p-Bromofluorobenzene	101			Y			4
LB-12-4-4.5	17B0503-50	Pentafluorobenzene	30			Y			4
LB-12-4-4.5	17B0503-50	Sec-Butylbenzene	0.34			Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	Styrene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	T-Butylbenzene		U		Y	0.0092	0.076	4
LB-12-4-4.5	17B0503-50	Tert-Butyl Alcohol		U		Y	0.17	1.5	4
LB-12-4-4.5	17B0503-50	Tert-Butyl Methyl Ether		U		Y	0.0069	0.076	4
LB-12-4-4.5	17B0503-50	Tetrachloroethylene (PCE)		U		Y	0.021	0.076	4
LB-12-4-4.5	17B0503-50	Tetrahydrofuran		U		Y	0.082	0.76	4
LB-12-4-4.5	17B0503-50	Toluene		U		Y	0.013	0.076	4
LB-12-4-4.5	17B0503-50	Toluene-D8	98.2			Y			4
LB-12-4-4.5	17B0503-50	Trans-1,2-Dichloroethene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Trans-1,3-Dichloropropene		U		Y	0.0085	0.038	4
LB-12-4-4.5	17B0503-50	Trans-1,4-Dichloro-2-Butene		U		Y	0.024	0.15	4
LB-12-4-4.5	17B0503-50	Trichloroethylene (TCE)		U		Y	0.015	0.076	4
LB-12-4-4.5	17B0503-50	Trichlorofluoromethane		U		Y	0.011	0.15	4
LB-12-4-4.5	17B0503-50	Vinyl Chloride		U		Y	0.01	0.15	4
TRIP BLANK	17B0503-55	1,1,1,2-Tetrachloroethane		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	1,1,1-Trichloroethane		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	1,1,2,2-Tetrachloroethane		U	R	Y	0.16	0.5	4
TRIP BLANK	17B0503-55	1,1,2-Trichloro-1,2,2-Trifluoroethane		U	R	Y	0.2	1	4

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TRIP BLANK	17B0503-55	1,1,2-Trichloroethane		U	R	Y	0.24	1	4
TRIP BLANK	17B0503-55	1,1-Dichloroethane		U	R	Y	0.16	1	4
TRIP BLANK	17B0503-55	1,1-Dichloroethene		U	R	Y	0.21	1	4
TRIP BLANK	17B0503-55	1,1-Dichloropropene		U	R	Y	0.13	2	4
TRIP BLANK	17B0503-55	1,2,3-Trichlorobenzene		U	R	Y	0.14	5	4
TRIP BLANK	17B0503-55	1,2,3-Trichloropropane		U	R	Y	0.22	2	4
TRIP BLANK	17B0503-55	1,2,4-Trichlorobenzene		U	R	Y	0.19	1	4
TRIP BLANK	17B0503-55	1,2,4-Trimethylbenzene		U	R	Y	0.18	1	4
TRIP BLANK	17B0503-55	1,2-Dibromo-3-Chloropropane		U	R	Y	0.37	5	4
TRIP BLANK	17B0503-55	1,2-Dibromoethane (Ethylene Dibromide)		U	R	Y	0.15	0.5	4
TRIP BLANK	17B0503-55	1,2-Dichlorobenzene		U	R	Y	0.17	1	4
TRIP BLANK	17B0503-55	1,2-Dichloroethane		U	R	Y	0.19	1	4
TRIP BLANK	17B0503-55	1,2-Dichloroethane-D4	87			Y			4
TRIP BLANK	17B0503-55	1,2-Dichloropropane		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	1,3,5-Trichlorobenzene		U	R	Y	0.17	1	4
TRIP BLANK	17B0503-55	1,3,5-Trimethylbenzene (Mesitylene)		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	1,3-Dichlorobenzene		U	R	Y	0.17	1	4
TRIP BLANK	17B0503-55	1,3-Dichloropropane		U	R	Y	0.13	0.5	4
TRIP BLANK	17B0503-55	1,4-Dichlorobenzene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	1,4-Dichlorobenzene-D4	30			Y			4
TRIP BLANK	17B0503-55	1,4-Difluorobenzene	30		JL	Y			4
TRIP BLANK	17B0503-55	1,4-Dioxane (P-Dioxane)		U	R	Y	26	50	4
TRIP BLANK	17B0503-55	2,2-Dichloropropane		U	R	Y	0.21	1	4
TRIP BLANK	17B0503-55	2-Chlorotoluene		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	2-Hexanone		U	R	Y	1.5	10	4
TRIP BLANK	17B0503-55	2-Methoxy-2-Methylbutane		U	R	Y	0.11	0.5	4
TRIP BLANK	17B0503-55	4-Chlorotoluene		U	R	Y	0.14	1	4
TRIP BLANK	17B0503-55	Acetone		U	R	Y	4.9	50	4
TRIP BLANK	17B0503-55	Acrylonitrile		U	R	Y	0.58	5	4
TRIP BLANK	17B0503-55	Benzene		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	Bromobenzene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	Bromochloromethane		U	R	Y	0.22	1	4
TRIP BLANK	17B0503-55	Bromodichloromethane		U	R	Y	0.3	1	4
TRIP BLANK	17B0503-55	Bromoform		U	R	Y	0.21	1	4
TRIP BLANK	17B0503-55	Bromomethane		U	R	Y	0.94	2	4
TRIP BLANK	17B0503-55	Carbon Disulfide		U	R	Y	1	4	4
TRIP BLANK	17B0503-55	Carbon Tetrachloride		U	R	Y	0.25	5	4
TRIP BLANK	17B0503-55	Chlorobenzene		U	R	Y	0.16	1	4
TRIP BLANK	17B0503-55	Chlorobenzene-D5	30			Y			4
TRIP BLANK	17B0503-55	Chloroethane		U	R	Y	0.28	2	4
TRIP BLANK	17B0503-55	Chloroform		U	R	Y	0.22	2	4
TRIP BLANK	17B0503-55	Chloromethane		U	R	Y	0.55	2	4
TRIP BLANK	17B0503-55	Cis-1,2-Dichloroethylene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	Cis-1,3-Dichloropropene		U	R	Y	0.12	0.5	4
TRIP BLANK	17B0503-55	Cymene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	Dibromochloromethane		U	R	Y	0.1	0.5	4
TRIP BLANK	17B0503-55	Dibromomethane		U	R	Y	0.16	1	4
TRIP BLANK	17B0503-55	Dichlorodifluoromethane		U	R	Y	0.28	2	4
TRIP BLANK	17B0503-55	Diethyl Ether (Ethyl Ether)		U	R	Y	0.22	2	4
TRIP BLANK	17B0503-55	Ethyl Tert-Butyl Ether		U	R	Y	0.095	0.5	4
TRIP BLANK	17B0503-55	Ethylbenzene		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	Hexachlorobutadiene		U	R	Y	0.59	0.6	4
TRIP BLANK	17B0503-55	Isopropyl Ether		U	R	Y	0.18	0.5	4
TRIP BLANK	17B0503-55	Isopropylbenzene (Cumene)		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	m,p-Xylene		U	R	Y	0.26	2	4
TRIP BLANK	17B0503-55	Methyl Acetate		U	R	Y	0.42	2	4
TRIP BLANK	17B0503-55	Methyl Ethyl Ketone (2-Butanone)		U	R	Y	2.4	20	4
TRIP BLANK	17B0503-55	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U	R	Y	1.5	10	4
TRIP BLANK	17B0503-55	Methylcyclohexane		U	R	Y	0.63	1	4
TRIP BLANK	17B0503-55	Methylene Chloride		U	R	Y	3.2	5	4
TRIP BLANK	17B0503-55	Naphthalene		U	R	Y	0.12	2	4
TRIP BLANK	17B0503-55	N-Butylbenzene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	N-Propylbenzene		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	O-Xylene (1,2-Dimethylbenzene)		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	p-Bromofluorobenzene	95.7			Y			4
TRIP BLANK	17B0503-55	Pentafluorobenzene	30			Y			4
TRIP BLANK	17B0503-55	Sec-Butylbenzene		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	Styrene		U	R	Y	0.15	1	4

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TRIP BLANK	17B0503-55	T-Butylbenzene		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	Tert-Butyl Alcohol		U	R	Y	2.2	20	4
TRIP BLANK	17B0503-55	Tert-Butyl Methyl Ether		U	R	Y	0.09	1	4
TRIP BLANK	17B0503-55	Tetrachloroethylene (PCE)		U	R	Y	0.27	1	4
TRIP BLANK	17B0503-55	Tetrahydrofuran		U	R	Y	1.1	10	4
TRIP BLANK	17B0503-55	Toluene		U	R	Y	0.17	1	4
TRIP BLANK	17B0503-55	Toluene-D8	99.4			Y			4
TRIP BLANK	17B0503-55	Trans-1,2-Dichloroethene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	Trans-1,3-Dichloropropene		U	R	Y	0.11	0.5	4
TRIP BLANK	17B0503-55	Trans-1,4-Dichloro-2-Butene		U	R	Y	0.31	2	4
TRIP BLANK	17B0503-55	Trichloroethylene (TCE)		U	R	Y	0.2	1	4
TRIP BLANK	17B0503-55	Trichlorofluoromethane		U	R	Y	0.15	2	4
TRIP BLANK	17B0503-55	Vinyl Chloride		U	R	Y	0.13	2	4
B170239-BLK1	B170239-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	1,1,1-Trichloroethane		U		Y	0.0066	0.05	4
B170239-BLK1	B170239-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.008	0.025	4
B170239-BLK1	B170239-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0098	0.05	4
B170239-BLK1	B170239-BLK1	1,1,2-Trichloroethane		U		Y	0.012	0.05	4
B170239-BLK1	B170239-BLK1	1,1-Dichloroethane		U		Y	0.0079	0.05	4
B170239-BLK1	B170239-BLK1	1,1-Dichloroethene		U		Y	0.01	0.05	4
B170239-BLK1	B170239-BLK1	1,1-Dichloropropene		U		Y	0.0064	0.1	4
B170239-BLK1	B170239-BLK1	1,2,3-Trichlorobenzene		U		Y	0.007	0.25	4
B170239-BLK1	B170239-BLK1	1,2,3-Trichloropropane		U		Y	0.011	0.1	4
B170239-BLK1	B170239-BLK1	1,2,4-Trichlorobenzene		U		Y	0.0095	0.05	4
B170239-BLK1	B170239-BLK1	1,2,4-Trimethylbenzene		U		Y	0.009	0.05	4
B170239-BLK1	B170239-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.018	0.25	4
B170239-BLK1	B170239-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0074	0.025	4
B170239-BLK1	B170239-BLK1	1,2-Dichlorobenzene		U		Y	0.0085	0.05	4
B170239-BLK1	B170239-BLK1	1,2-Dichloroethane		U		Y	0.0097	0.05	4
B170239-BLK1	B170239-BLK1	1,2-Dichloroethane-D4	96.4			Y			4
B170239-BLK1	B170239-BLK1	1,2-Dichloropropane		U		Y	0.0065	0.05	4
B170239-BLK1	B170239-BLK1	1,3,5-Trichlorobenzene		U		Y	0.0085	0.05	4
B170239-BLK1	B170239-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0065	0.05	4
B170239-BLK1	B170239-BLK1	1,3-Dichlorobenzene		U		Y	0.0085	0.05	4
B170239-BLK1	B170239-BLK1	1,3-Dichloropropane		U		Y	0.0065	0.025	4
B170239-BLK1	B170239-BLK1	1,4-Dichlorobenzene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	1,4-Dichlorobenzene-D4	30			Y			4
B170239-BLK1	B170239-BLK1	1,4-Difluorobenzene	30			Y			4
B170239-BLK1	B170239-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.3	2.5	4
B170239-BLK1	B170239-BLK1	2,2-Dichloropropane		U		Y	0.011	0.05	4
B170239-BLK1	B170239-BLK1	2-Chlorotoluene		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	2-Hexanone		U		Y	0.076	0.5	4
B170239-BLK1	B170239-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.0053	0.025	4
B170239-BLK1	B170239-BLK1	4-Chlorotoluene		U		Y	0.007	0.05	4
B170239-BLK1	B170239-BLK1	Acetone		U		Y	0.24	2.5	4
B170239-BLK1	B170239-BLK1	Acrylonitrile		U		Y	0.029	0.25	4
B170239-BLK1	B170239-BLK1	Benzene		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	Bromobenzene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	Bromochloromethane		U		Y	0.011	0.05	4
B170239-BLK1	B170239-BLK1	Bromodichloromethane		U		Y	0.015	0.05	4
B170239-BLK1	B170239-BLK1	Bromoform		U		Y	0.01	0.1	4
B170239-BLK1	B170239-BLK1	Bromomethane		U		Y	0.047	0.1	4
B170239-BLK1	B170239-BLK1	Carbon Disulfide		U		Y	0.051	0.15	4
B170239-BLK1	B170239-BLK1	Carbon Tetrachloride		U		Y	0.012	0.05	4
B170239-BLK1	B170239-BLK1	Chlorobenzene		U		Y	0.008	0.05	4
B170239-BLK1	B170239-BLK1	Chlorobenzene-D5	30			Y			4
B170239-BLK1	B170239-BLK1	Chloroethane		U		Y	0.014	0.1	4
B170239-BLK1	B170239-BLK1	Chloroform		U		Y	0.011	0.1	4
B170239-BLK1	B170239-BLK1	Chloromethane		U	UJ	Y	0.028	0.1	4
B170239-BLK1	B170239-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.0074	0.05	4
B170239-BLK1	B170239-BLK1	Cis-1,3-Dichloropropene		U		Y	0.006	0.025	4
B170239-BLK1	B170239-BLK1	Cymene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	Dibromochloromethane		U		Y	0.0052	0.025	4
B170239-BLK1	B170239-BLK1	Dibromomethane		U		Y	0.008	0.05	4
B170239-BLK1	B170239-BLK1	Dichlorodifluoromethane		U		Y	0.014	0.1	4
B170239-BLK1	B170239-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.011	0.1	4
B170239-BLK1	B170239-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.0048	0.025	4
B170239-BLK1	B170239-BLK1	Ethylbenzene		U		Y	0.0065	0.05	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170239-BLK1	B170239-BLK1	Hexachlorobutadiene		U		Y	0.029	0.05	4
B170239-BLK1	B170239-BLK1	Isopropyl Ether		U		Y	0.009	0.025	4
B170239-BLK1	B170239-BLK1	Isopropylbenzene (Cumene)		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	m,p-Xylene		U		Y	0.013	0.1	4
B170239-BLK1	B170239-BLK1	Methyl Acetate		U		Y	0.021	0.5	4
B170239-BLK1	B170239-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.12	1	4
B170239-BLK1	B170239-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.073	0.5	4
B170239-BLK1	B170239-BLK1	Methylcyclohexane		U		Y	0.032	0.05	4
B170239-BLK1	B170239-BLK1	Methylene Chloride		U		Y	0.16	0.25	4
B170239-BLK1	B170239-BLK1	Naphthalene		U		Y	0.006	0.1	4
B170239-BLK1	B170239-BLK1	N-Butylbenzene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	N-Propylbenzene		U		Y	0.0065	0.05	4
B170239-BLK1	B170239-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0066	0.05	4
B170239-BLK1	B170239-BLK1	p-Bromofluorobenzene	94.8			Y			4
B170239-BLK1	B170239-BLK1	Pentafluorobenzene	30			Y			4
B170239-BLK1	B170239-BLK1	Sec-Butylbenzene		U		Y	0.0065	0.05	4
B170239-BLK1	B170239-BLK1	Styrene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	T-Butylbenzene		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	Tert-Butyl Alcohol		U		Y	0.11	1	4
B170239-BLK1	B170239-BLK1	Tert-Butyl Methyl Ether		U		Y	0.0045	0.05	4
B170239-BLK1	B170239-BLK1	Tetrachloroethylene (PCE)		U		Y	0.014	0.05	4
B170239-BLK1	B170239-BLK1	Tetrahydrofuran		U		Y	0.054	0.5	4
B170239-BLK1	B170239-BLK1	Toluene		U		Y	0.0085	0.05	4
B170239-BLK1	B170239-BLK1	Toluene-D8	99			Y			4
B170239-BLK1	B170239-BLK1	Trans-1,2-Dichloroethene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	Trans-1,3-Dichloropropene		U		Y	0.0056	0.025	4
B170239-BLK1	B170239-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.016	0.1	4
B170239-BLK1	B170239-BLK1	Trichloroethylene (TCE)		U		Y	0.01	0.05	4
B170239-BLK1	B170239-BLK1	Trichlorofluoromethane		U		Y	0.0074	0.1	4
B170239-BLK1	B170239-BLK1	Vinyl Chloride		U		Y	0.0066	0.1	4
B170239-BS1	B170239-BS1	1,1,1,2-Tetrachloroethane	0.0117	D		Y	0.00013	0.0011	4
B170239-BS1	B170239-BS1	1,1,1-Trichloroethane	0.0105	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	1,1,2,2-Tetrachloroethane	0.0108	D		Y	0.00018	0.00057	4
B170239-BS1	B170239-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0121	D		Y	0.00022	0.0011	4
B170239-BS1	B170239-BS1	1,1,2-Trichloroethane	0.0113	D		Y	0.00027	0.0011	4
B170239-BS1	B170239-BS1	1,1-Dichloroethane	0.0109	D		Y	0.00018	0.0011	4
B170239-BS1	B170239-BS1	1,1-Dichloroethene	0.0133	D		Y	0.00024	0.0011	4
B170239-BS1	B170239-BS1	1,1-Dichloropropene	0.0112	D		Y	0.00015	0.0023	4
B170239-BS1	B170239-BS1	1,2,3-Trichlorobenzene	0.0107	D		Y	0.00016	0.0057	4
B170239-BS1	B170239-BS1	1,2,3-Trichloropropane	0.0106	D		Y	0.00024	0.0023	4
B170239-BS1	B170239-BS1	1,2,4-Trichlorobenzene	0.0111	D		Y	0.00022	0.0011	4
B170239-BS1	B170239-BS1	1,2,4-Trimethylbenzene	0.0113	D		Y	0.0002	0.0011	4
B170239-BS1	B170239-BS1	1,2-Dibromo-3-Chloropropane	0.00822	D		Y	0.00042	0.0057	4
B170239-BS1	B170239-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.011	D		Y	0.00017	0.00057	4
B170239-BS1	B170239-BS1	1,2-Dichlorobenzene	0.0115	D		Y	0.00019	0.0011	4
B170239-BS1	B170239-BS1	1,2-Dichloroethane	0.00935	D		Y	0.00022	0.0011	4
B170239-BS1	B170239-BS1	1,2-Dichloroethane-D4	97			Y			4
B170239-BS1	B170239-BS1	1,2-Dichloropropane	0.00945	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	1,3,5-Trichlorobenzene	0.0113	D		Y	0.00019	0.0011	4
B170239-BS1	B170239-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0109	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	1,3-Dichlorobenzene	0.0113	D		Y	0.00019	0.0011	4
B170239-BS1	B170239-BS1	1,3-Dichloropropane	0.0104	D		Y	0.00015	0.00057	4
B170239-BS1	B170239-BS1	1,4-Dichlorobenzene	0.0114	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	1,4-Dichlorobenzene-D4	30			Y			4
B170239-BS1	B170239-BS1	1,4-Difluorobenzene	30			Y			4
B170239-BS1	B170239-BS1	1,4-Dioxane (P-Dioxane)	0.105	D	J	Y	0.03	0.057	4
B170239-BS1	B170239-BS1	2,2-Dichloropropane	0.0098	D		Y	0.00024	0.0011	4
B170239-BS1	B170239-BS1	2-Chlorotoluene	0.0096	D		Y	0.00014	0.0011	4
B170239-BS1	B170239-BS1	2-Hexanone	0.0784	D		Y	0.0017	0.011	4
B170239-BS1	B170239-BS1	2-Methoxy-2-Methylbutane	0.00952	D		Y	0.00012	0.00057	4
B170239-BS1	B170239-BS1	4-Chlorotoluene	0.0103	D		Y	0.00016	0.0011	4
B170239-BS1	B170239-BS1	Acetone	0.0985	D		Y	0.0055	0.057	4
B170239-BS1	B170239-BS1	Acrylonitrile	0.0109	D		Y	0.00066	0.0057	4
B170239-BS1	B170239-BS1	Benzene	0.0115	D		Y	0.00014	0.0011	4
B170239-BS1	B170239-BS1	Bromobenzene	0.0104	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	Bromochloromethane	0.0107	D		Y	0.00025	0.0011	4
B170239-BS1	B170239-BS1	Bromodichloromethane	0.0108	D		Y	0.00033	0.0011	4
B170239-BS1	B170239-BS1	Bromoform	0.0102	D		Y	0.00024	0.0023	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170239-BS1	B170239-BS1	Bromomethane	0.00466	D		Y	0.0011	0.0023	4
B170239-BS1	B170239-BS1	Carbon Disulfide	0.0116	D		Y	0.0012	0.0034	4
B170239-BS1	B170239-BS1	Carbon Tetrachloride	0.0113	D		Y	0.00028	0.0011	4
B170239-BS1	B170239-BS1	Chlorobenzene	0.0114	D		Y	0.00018	0.0011	4
B170239-BS1	B170239-BS1	Chlorobenzene-D5	30			Y			4
B170239-BS1	B170239-BS1	Chloroethane	0.011	D		Y	0.00032	0.0023	4
B170239-BS1	B170239-BS1	Chloroform	0.0102	D		Y	0.00025	0.0023	4
B170239-BS1	B170239-BS1	Chloromethane	0.00294	D	J	Y	0.00063	0.0023	4
B170239-BS1	B170239-BS1	Cis-1,2-Dichloroethylene	0.00977	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	Cis-1,3-Dichloropropene	0.00946	D		Y	0.00014	0.00057	4
B170239-BS1	B170239-BS1	Cymene	0.0118	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	Dibromochloromethane	0.0124	D		Y	0.00012	0.00057	4
B170239-BS1	B170239-BS1	Dibromomethane	0.0112	D		Y	0.00018	0.0011	4
B170239-BS1	B170239-BS1	Dichlorodifluoromethane	0.00881	D		Y	0.00032	0.0023	4
B170239-BS1	B170239-BS1	Diethyl Ether (Ethyl Ether)	0.012	D		Y	0.00025	0.0023	4
B170239-BS1	B170239-BS1	Ethyl Tert-Butyl Ether	0.00951	D		Y	0.00011	0.00057	4
B170239-BS1	B170239-BS1	Ethylbenzene	0.0109	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	Hexachlorobutadiene	0.0114	D		Y	0.00067	0.0011	4
B170239-BS1	B170239-BS1	Isopropyl Ether	0.0086	D		Y	0.00021	0.00057	4
B170239-BS1	B170239-BS1	Isopropylbenzene (Cumene)	0.0116	D		Y	0.00014	0.0011	4
B170239-BS1	B170239-BS1	m,p-Xylene	0.0215	D		Y	0.00029	0.0023	4
B170239-BS1	B170239-BS1	Methyl Acetate		U		Y	0.00048	0.011	4
B170239-BS1	B170239-BS1	Methyl Ethyl Ketone (2-Butanone)	0.0832	D		Y	0.0027	0.023	4
B170239-BS1	B170239-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.0807	D		Y	0.0017	0.011	4
B170239-BS1	B170239-BS1	Methylcyclohexane	0.0115	D		Y	0.00071	0.0011	4
B170239-BS1	B170239-BS1	Methylene Chloride	0.0101	D		Y	0.0036	0.0057	4
B170239-BS1	B170239-BS1	Naphthalene	0.0101	D		Y	0.00014	0.0023	4
B170239-BS1	B170239-BS1	N-Butylbenzene	0.012	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	N-Propylbenzene	0.0112	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0109	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	p-Bromofluorobenzene	98.5			Y			4
B170239-BS1	B170239-BS1	Pentafluorobenzene	30			Y			4
B170239-BS1	B170239-BS1	Sec-Butylbenzene	0.0119	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	Styrene	0.0105	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	T-Butylbenzene	0.0112	D		Y	0.00014	0.0011	4
B170239-BS1	B170239-BS1	Tert-Butyl Alcohol	0.0875	D		Y	0.0025	0.023	4
B170239-BS1	B170239-BS1	Tert-Butyl Methyl Ether	0.0103	D		Y	0.0001	0.0011	4
B170239-BS1	B170239-BS1	Tetrachloroethylene (PCE)	0.0108	D		Y	0.00031	0.0011	4
B170239-BS1	B170239-BS1	Tetrahydrofuran		U		Y	0.0012	0.011	4
B170239-BS1	B170239-BS1	Toluene	0.0106	D		Y	0.00019	0.0011	4
B170239-BS1	B170239-BS1	Toluene-D8	99.2			Y			4
B170239-BS1	B170239-BS1	Trans-1,2-Dichloroethene	0.0117	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	Trans-1,3-Dichloropropene	0.0104	D		Y	0.00013	0.00057	4
B170239-BS1	B170239-BS1	Trans-1,4-Dichloro-2-Butene	0.0114	D		Y	0.00035	0.0023	4
B170239-BS1	B170239-BS1	Trichloroethylene (TCE)	0.0115	D		Y	0.00023	0.0011	4
B170239-BS1	B170239-BS1	Trichlorofluoromethane	0.0127	D		Y	0.00017	0.0023	4
B170239-BS1	B170239-BS1	Vinyl Chloride	0.0114	D		Y	0.00015	0.0023	4
B170239-BSD1	B170239-BSD1	1,1,1,2-Tetrachloroethane	0.011	D		Y	0.00013	0.0011	4
B170239-BSD1	B170239-BSD1	1,1,1-Trichloroethane	0.0105	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	1,1,2,2-Tetrachloroethane	0.0107	D		Y	0.00018	0.00057	4
B170239-BSD1	B170239-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0119	D		Y	0.00022	0.0011	4
B170239-BSD1	B170239-BSD1	1,1,2-Trichloroethane	0.0116	D		Y	0.00027	0.0011	4
B170239-BSD1	B170239-BSD1	1,1-Dichloroethane	0.0106	D		Y	0.00018	0.0011	4
B170239-BSD1	B170239-BSD1	1,1-Dichloroethene	0.0132	D		Y	0.00024	0.0011	4
B170239-BSD1	B170239-BSD1	1,1-Dichloropropene	0.0109	D		Y	0.00015	0.0023	4
B170239-BSD1	B170239-BSD1	1,2,3-Trichlorobenzene	0.0105	D		Y	0.00016	0.0057	4
B170239-BSD1	B170239-BSD1	1,2,3-Trichloropropane	0.0105	D		Y	0.00024	0.0023	4
B170239-BSD1	B170239-BSD1	1,2,4-Trichlorobenzene	0.0113	D		Y	0.00022	0.0011	4
B170239-BSD1	B170239-BSD1	1,2,4-Trimethylbenzene	0.0113	D		Y	0.0002	0.0011	4
B170239-BSD1	B170239-BSD1	1,2-Dibromo-3-Chloropropane	0.00794	D		Y	0.00042	0.0057	4
B170239-BSD1	B170239-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0109	D		Y	0.00017	0.00057	4
B170239-BSD1	B170239-BSD1	1,2-Dichlorobenzene	0.0116	D		Y	0.00019	0.0011	4
B170239-BSD1	B170239-BSD1	1,2-Dichloroethane	0.0097	D		Y	0.00022	0.0011	4
B170239-BSD1	B170239-BSD1	1,2-Dichloroethane-D4	96.1			Y			4
B170239-BSD1	B170239-BSD1	1,2-Dichloropropane	0.00942	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	1,3,5-Trichlorobenzene	0.0112	D		Y	0.00019	0.0011	4
B170239-BSD1	B170239-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0112	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	1,3-Dichlorobenzene	0.0115	D		Y	0.00019	0.0011	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170239-BSD1	B170239-BSD1	1,3-Dichloropropane	0.0107	D		Y	0.00015	0.00057	4
B170239-BSD1	B170239-BSD1	1,4-Dichlorobenzene	0.0114	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	1,4-Dichlorobenzene-D4	30			Y			4
B170239-BSD1	B170239-BSD1	1,4-Difluorobenzene	30			Y			4
B170239-BSD1	B170239-BSD1	1,4-Dioxane (P-Dioxane)	0.0919	D	J	Y	0.03	0.057	4
B170239-BSD1	B170239-BSD1	2,2-Dichloropropane	0.00962	D		Y	0.00024	0.0011	4
B170239-BSD1	B170239-BSD1	2-Chlorotoluene	0.00971	D		Y	0.00014	0.0011	4
B170239-BSD1	B170239-BSD1	2-Hexanone	0.0755	D		Y	0.0017	0.011	4
B170239-BSD1	B170239-BSD1	2-Methoxy-2-Methylbutane	0.00949	D		Y	0.00012	0.00057	4
B170239-BSD1	B170239-BSD1	4-Chlorotoluene	0.0104	D		Y	0.00016	0.0011	4
B170239-BSD1	B170239-BSD1	Acetone	0.0955	D		Y	0.0055	0.057	4
B170239-BSD1	B170239-BSD1	Acrylonitrile	0.0102	D		Y	0.00066	0.0057	4
B170239-BSD1	B170239-BSD1	Benzene	0.0114	D		Y	0.00014	0.0011	4
B170239-BSD1	B170239-BSD1	Bromobenzene	0.0106	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	Bromochloromethane	0.0109	D		Y	0.00025	0.0011	4
B170239-BSD1	B170239-BSD1	Bromodichloromethane	0.0103	D		Y	0.00033	0.0011	4
B170239-BSD1	B170239-BSD1	Bromoform	0.0103	D		Y	0.00024	0.0023	4
B170239-BSD1	B170239-BSD1	Bromomethane	0.00589	D		Y	0.0011	0.0023	4
B170239-BSD1	B170239-BSD1	Carbon Disulfide	0.0116	D		Y	0.0012	0.0034	4
B170239-BSD1	B170239-BSD1	Carbon Tetrachloride	0.0111	D		Y	0.00028	0.0011	4
B170239-BSD1	B170239-BSD1	Chlorobenzene	0.0116	D		Y	0.00018	0.0011	4
B170239-BSD1	B170239-BSD1	Chlorobenzene-D5	30			Y			4
B170239-BSD1	B170239-BSD1	Chloroethane	0.0111	D		Y	0.00032	0.0023	4
B170239-BSD1	B170239-BSD1	Chloroform	0.0103	D		Y	0.00025	0.0023	4
B170239-BSD1	B170239-BSD1	Chloromethane	0.00313	D	J	Y	0.00063	0.0023	4
B170239-BSD1	B170239-BSD1	Cis-1,2-Dichloroethylene	0.00985	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	Cis-1,3-Dichloropropene	0.00934	D		Y	0.00014	0.00057	4
B170239-BSD1	B170239-BSD1	Cymene	0.0119	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	Dibromochloromethane	0.0121	D		Y	0.00012	0.00057	4
B170239-BSD1	B170239-BSD1	Dibromomethane	0.0113	D		Y	0.00018	0.0011	4
B170239-BSD1	B170239-BSD1	Dichlorodifluoromethane	0.00862	D		Y	0.00032	0.0023	4
B170239-BSD1	B170239-BSD1	Diethyl Ether (Ethyl Ether)	0.0119	D		Y	0.00025	0.0023	4
B170239-BSD1	B170239-BSD1	Ethyl Tert-Butyl Ether	0.00959	D		Y	0.00011	0.00057	4
B170239-BSD1	B170239-BSD1	Ethylbenzene	0.0113	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	Hexachlorobutadiene	0.0113	D		Y	0.00067	0.0011	4
B170239-BSD1	B170239-BSD1	Isopropyl Ether	0.00877	D		Y	0.00021	0.00057	4
B170239-BSD1	B170239-BSD1	Isopropylbenzene (Cumene)	0.0118	D		Y	0.00014	0.0011	4
B170239-BSD1	B170239-BSD1	m,p-Xylene	0.0218	D		Y	0.00029	0.0023	4
B170239-BSD1	B170239-BSD1	Methyl Acetate		U		Y	0.00048	0.011	4
B170239-BSD1	B170239-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.084	D		Y	0.0027	0.023	4
B170239-BSD1	B170239-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.0793	D		Y	0.0017	0.011	4
B170239-BSD1	B170239-BSD1	Methylcyclohexane	0.0115	D		Y	0.00071	0.0011	4
B170239-BSD1	B170239-BSD1	Methylene Chloride	0.0102	D		Y	0.0036	0.0057	4
B170239-BSD1	B170239-BSD1	Naphthalene	0.00955	D		Y	0.00014	0.0023	4
B170239-BSD1	B170239-BSD1	N-Butylbenzene	0.0122	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	N-Propylbenzene	0.0115	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.011	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	p-Bromofluorobenzene	99			Y			4
B170239-BSD1	B170239-BSD1	Pentafluorobenzene	30			Y			4
B170239-BSD1	B170239-BSD1	Sec-Butylbenzene	0.012	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	Styrene	0.0108	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	T-Butylbenzene	0.0114	D		Y	0.00014	0.0011	4
B170239-BSD1	B170239-BSD1	Tert-Butyl Alcohol	0.0851	D		Y	0.0025	0.023	4
B170239-BSD1	B170239-BSD1	Tert-Butyl Methyl Ether	0.0102	D		Y	0.0001	0.0011	4
B170239-BSD1	B170239-BSD1	Tetrachloroethylene (PCE)	0.0108	D		Y	0.00031	0.0011	4
B170239-BSD1	B170239-BSD1	Tetrahydrofuran		U		Y	0.0012	0.011	4
B170239-BSD1	B170239-BSD1	Toluene	0.011	D		Y	0.00019	0.0011	4
B170239-BSD1	B170239-BSD1	Toluene-D8	99.2			Y			4
B170239-BSD1	B170239-BSD1	Trans-1,2-Dichloroethene	0.0118	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	Trans-1,3-Dichloropropene	0.0105	D		Y	0.00013	0.00057	4
B170239-BSD1	B170239-BSD1	Trans-1,4-Dichloro-2-Butene	0.0119	D		Y	0.00035	0.0023	4
B170239-BSD1	B170239-BSD1	Trichloroethylene (TCE)	0.0113	D		Y	0.00023	0.0011	4
B170239-BSD1	B170239-BSD1	Trichlorofluoromethane	0.0123	D		Y	0.00017	0.0023	4
B170239-BSD1	B170239-BSD1	Vinyl Chloride	0.0118	D		Y	0.00015	0.0023	4
B170319-BLK1	B170319-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.0018	0.002	4
B170319-BLK1	B170319-BLK1	1,1,1-Trichloroethane		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.0009	0.001	4
B170319-BLK1	B170319-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0009	0.01	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170319-BLK1	B170319-BLK1	1,1,2-Trichloroethane		U		Y	0.0012	0.002	4
B170319-BLK1	B170319-BLK1	1,1-Dichloroethane		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	1,1-Dichloroethene		U		Y	0.0011	0.004	4
B170319-BLK1	B170319-BLK1	1,1-Dichloropropene		U		Y	0.0009	0.002	4
B170319-BLK1	B170319-BLK1	1,2,3-Trichlorobenzene		U		Y	0.0006	0.002	4
B170319-BLK1	B170319-BLK1	1,2,3-Trichloropropane		U		Y	0.0011	0.002	4
B170319-BLK1	B170319-BLK1	1,2,4-Trichlorobenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	1,2,4-Trimethylbenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.0011	0.004	4
B170319-BLK1	B170319-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	1,2-Dichlorobenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	1,2-Dichloroethane		U		Y	0.0013	0.002	4
B170319-BLK1	B170319-BLK1	1,2-Dichloroethane-D4	100			Y			4
B170319-BLK1	B170319-BLK1	1,2-Dichloropropane		U		Y	0.0013	0.002	4
B170319-BLK1	B170319-BLK1	1,3,5-Trichlorobenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0006	0.002	4
B170319-BLK1	B170319-BLK1	1,3-Dichlorobenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	1,3-Dichloropropane		U		Y	0.0007	0.001	4
B170319-BLK1	B170319-BLK1	1,4-Dichlorobenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170319-BLK1	B170319-BLK1	1,4-Difluorobenzene	0.06			Y			4
B170319-BLK1	B170319-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.058	0.1	4
B170319-BLK1	B170319-BLK1	2,2-Dichloropropane		U		Y	0.0009	0.002	4
B170319-BLK1	B170319-BLK1	2-Chlorotoluene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	2-Hexanone		U		Y	0.011	0.02	4
B170319-BLK1	B170319-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.0007	0.001	4
B170319-BLK1	B170319-BLK1	4-Chlorotoluene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Acetone		U		Y	0.023	0.1	4
B170319-BLK1	B170319-BLK1	Acrylonitrile		U		Y	0.0025	0.006	4
B170319-BLK1	B170319-BLK1	Benzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	Bromobenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Bromochloromethane		U		Y	0.0014	0.002	4
B170319-BLK1	B170319-BLK1	Bromodichloromethane		U		Y	0.0006	0.002	4
B170319-BLK1	B170319-BLK1	Bromoform		U		Y	0.0014	0.002	4
B170319-BLK1	B170319-BLK1	Bromomethane		U		Y	0.0042	0.01	4
B170319-BLK1	B170319-BLK1	Carbon Disulfide		U		Y	0.0043	0.006	4
B170319-BLK1	B170319-BLK1	Carbon Tetrachloride		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Chlorobenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	Chlorobenzene-D5	0.06			Y			4
B170319-BLK1	B170319-BLK1	Chloroethane		U		Y	0.0015	0.02	4
B170319-BLK1	B170319-BLK1	Chloroform		U		Y	0.0007	0.004	4
B170319-BLK1	B170319-BLK1	Chloromethane		U		Y	0.0064	0.01	4
B170319-BLK1	B170319-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Cis-1,3-Dichloropropene		U		Y	0.0007	0.001	4
B170319-BLK1	B170319-BLK1	Cymene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Dibromochloromethane		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	Dibromomethane		U		Y	0.0006	0.002	4
B170319-BLK1	B170319-BLK1	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
B170319-BLK1	B170319-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.0018	0.02	4
B170319-BLK1	B170319-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.0006	0.001	4
B170319-BLK1	B170319-BLK1	Ethylbenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Hexachlorobutadiene		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	Isopropyl Ether		U		Y	0.0006	0.001	4
B170319-BLK1	B170319-BLK1	Isopropylbenzene (Cumene)		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	m,p-Xylene		U		Y	0.0017	0.004	4
B170319-BLK1	B170319-BLK1	Methyl Acetate		U		Y	0.0016	0.002	4
B170319-BLK1	B170319-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.018	0.04	4
B170319-BLK1	B170319-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0076	0.02	4
B170319-BLK1	B170319-BLK1	Methylcyclohexane		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	Methylene Chloride		U		Y	0.0071	0.02	4
B170319-BLK1	B170319-BLK1	Naphthalene		U		Y	0.0007	0.004	4
B170319-BLK1	B170319-BLK1	N-Butylbenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	N-Propylbenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	p-Bromofluorobenzene	99.5			Y			4
B170319-BLK1	B170319-BLK1	Pentafluorobenzene	0.06			Y			4
B170319-BLK1	B170319-BLK1	Sec-Butylbenzene		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	Styrene		U		Y	0.0006	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170319-BLK1	B170319-BLK1	T-Butylbenzene		U		Y	0.0009	0.002	4
B170319-BLK1	B170319-BLK1	Tert-Butyl Alcohol		U	UJ	Y	0.021	0.04	4
B170319-BLK1	B170319-BLK1	Tert-Butyl Methyl Ether		U		Y	0.0009	0.004	4
B170319-BLK1	B170319-BLK1	Tetrachloroethylene (PCE)		U		Y	0.0013	0.002	4
B170319-BLK1	B170319-BLK1	Tetrahydrofuran		U		Y	0.0022	0.01	4
B170319-BLK1	B170319-BLK1	Toluene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Toluene-D8	100			Y			4
B170319-BLK1	B170319-BLK1	Trans-1,2-Dichloroethene		U		Y	0.0009	0.002	4
B170319-BLK1	B170319-BLK1	Trans-1,3-Dichloropropene		U		Y	0.0007	0.001	4
B170319-BLK1	B170319-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.0021	0.004	4
B170319-BLK1	B170319-BLK1	Trichloroethylene (TCE)		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	Trichlorofluoromethane		U		Y	0.0011	0.01	4
B170319-BLK1	B170319-BLK1	Vinyl Chloride		U		Y	0.0011	0.01	4
B170319-BS1	B170319-BS1	1,1,1,2-Tetrachloroethane	0.0239			Y	0.0018	0.002	4
B170319-BS1	B170319-BS1	1,1,1-Trichloroethane	0.0211			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	1,1,2,2-Tetrachloroethane	0.0215			Y	0.0009	0.001	4
B170319-BS1	B170319-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0218			Y	0.0009	0.01	4
B170319-BS1	B170319-BS1	1,1,2-Trichloroethane	0.0223			Y	0.0012	0.002	4
B170319-BS1	B170319-BS1	1,1-Dichloroethane	0.0217			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	1,1-Dichloroethene	0.0221			Y	0.0011	0.004	4
B170319-BS1	B170319-BS1	1,1-Dichloropropene	0.0205			Y	0.0009	0.002	4
B170319-BS1	B170319-BS1	1,2,3-Trichlorobenzene	0.022			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	1,2,3-Trichloropropane	0.0215			Y	0.0011	0.002	4
B170319-BS1	B170319-BS1	1,2,4-Trichlorobenzene	0.021			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	1,2,4-Trimethylbenzene	0.0215			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	1,2-Dibromo-3-Chloropropane	0.0213			Y	0.0011	0.004	4
B170319-BS1	B170319-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0229			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	1,2-Dichlorobenzene	0.0232			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	1,2-Dichloroethane	0.0238			Y	0.0013	0.002	4
B170319-BS1	B170319-BS1	1,2-Dichloroethane-D4	102			Y			4
B170319-BS1	B170319-BS1	1,2-Dichloropropane	0.0229			Y	0.0013	0.002	4
B170319-BS1	B170319-BS1	1,3,5-Trichlorobenzene	0.021			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0237			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	1,3-Dichlorobenzene	0.0229			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	1,3-Dichloropropane	0.0212			Y	0.0007	0.001	4
B170319-BS1	B170319-BS1	1,4-Dichlorobenzene	0.0223			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170319-BS1	B170319-BS1	1,4-Difluorobenzene	0.06			Y			4
B170319-BS1	B170319-BS1	1,4-Dioxane (P-Dioxane)	0.217		J	Y	0.058	0.1	4
B170319-BS1	B170319-BS1	2,2-Dichloropropane	0.0163			Y	0.0009	0.002	4
B170319-BS1	B170319-BS1	2-Chlorotoluene	0.024			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	2-Hexanone	0.239			Y	0.011	0.02	4
B170319-BS1	B170319-BS1	2-Methoxy-2-Methylbutane	0.0186			Y	0.0007	0.001	4
B170319-BS1	B170319-BS1	4-Chlorotoluene	0.0231			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Acetone	0.205			Y	0.023	0.1	4
B170319-BS1	B170319-BS1	Acrylonitrile	0.0212			Y	0.0025	0.006	4
B170319-BS1	B170319-BS1	Benzene	0.0212			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	Bromobenzene	0.0221			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Bromochloromethane	0.0277			Y	0.0014	0.002	4
B170319-BS1	B170319-BS1	Bromodichloromethane	0.0239			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	Bromoform	0.0246			Y	0.0014	0.002	4
B170319-BS1	B170319-BS1	Bromomethane	0.0156			Y	0.0042	0.01	4
B170319-BS1	B170319-BS1	Carbon Disulfide	0.0228			Y	0.0043	0.006	4
B170319-BS1	B170319-BS1	Carbon Tetrachloride	0.0211			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Chlorobenzene	0.0237			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	Chlorobenzene-D5	0.06			Y			4
B170319-BS1	B170319-BS1	Chloroethane		U		Y	0.0015	0.02	4
B170319-BS1	B170319-BS1	Chloroform	0.0221			Y	0.0007	0.004	4
B170319-BS1	B170319-BS1	Chloromethane	0.0249			Y	0.0064	0.01	4
B170319-BS1	B170319-BS1	Cis-1,2-Dichloroethylene	0.02			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Cis-1,3-Dichloropropene	0.0198			Y	0.0007	0.001	4
B170319-BS1	B170319-BS1	Cymene	0.0223			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Dibromochloromethane	0.0257			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	Dibromomethane	0.0227			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	Dichlorodifluoromethane	0.021			Y	0.0013	0.02	4
B170319-BS1	B170319-BS1	Diethyl Ether (Ethyl Ether)	0.0204			Y	0.0018	0.02	4
B170319-BS1	B170319-BS1	Ethyl Tert-Butyl Ether	0.0202			Y	0.0006	0.001	4
B170319-BS1	B170319-BS1	Ethylbenzene	0.0234			Y	0.0008	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170319-BS1	B170319-BS1	Hexachlorobutadiene	0.0254			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	Isopropyl Ether	0.0233			Y	0.0006	0.001	4
B170319-BS1	B170319-BS1	Isopropylbenzene (Cumene)	0.0256			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	m,p-Xylene	0.047			Y	0.0017	0.004	4
B170319-BS1	B170319-BS1	Methyl Acetate	0.029			Y	0.0016	0.002	4
B170319-BS1	B170319-BS1	Methyl Ethyl Ketone (2-Butanone)	0.223			Y	0.018	0.04	4
B170319-BS1	B170319-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.237			Y	0.0076	0.02	4
B170319-BS1	B170319-BS1	Methylcyclohexane	0.0216			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	Methylene Chloride	0.0241			Y	0.0071	0.02	4
B170319-BS1	B170319-BS1	Naphthalene	0.0203			Y	0.0007	0.004	4
B170319-BS1	B170319-BS1	N-Butylbenzene	0.022			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	N-Propylbenzene	0.024			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0231			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	p-Bromofluorobenzene	99			Y			4
B170319-BS1	B170319-BS1	Pentafluorobenzene	0.06			Y			4
B170319-BS1	B170319-BS1	Sec-Butylbenzene	0.0235			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	Styrene	0.0232			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	T-Butylbenzene	0.0223			Y	0.0009	0.002	4
B170319-BS1	B170319-BS1	Tert-Butyl Alcohol	0.116		J	Y	0.021	0.04	4
B170319-BS1	B170319-BS1	Tert-Butyl Methyl Ether	0.0156			Y	0.0009	0.004	4
B170319-BS1	B170319-BS1	Tetrachloroethylene (PCE)	0.0256			Y	0.0013	0.002	4
B170319-BS1	B170319-BS1	Tetrahydrofuran	0.0194			Y	0.0022	0.01	4
B170319-BS1	B170319-BS1	Toluene	0.0229			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Toluene-D8	102			Y			4
B170319-BS1	B170319-BS1	Trans-1,2-Dichloroethene	0.0244			Y	0.0009	0.002	4
B170319-BS1	B170319-BS1	Trans-1,3-Dichloropropene	0.0207			Y	0.0007	0.001	4
B170319-BS1	B170319-BS1	Trans-1,4-Dichloro-2-Butene	0.0219			Y	0.0021	0.004	4
B170319-BS1	B170319-BS1	Trichloroethylene (TCE)	0.0228			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	Trichlorofluoromethane	0.0241			Y	0.0011	0.01	4
B170319-BS1	B170319-BS1	Vinyl Chloride	0.0199			Y	0.0011	0.01	4
B170319-BSD1	B170319-BSD1	1,1,1,2-Tetrachloroethane	0.0245			Y	0.0018	0.002	4
B170319-BSD1	B170319-BSD1	1,1,1-Trichloroethane	0.021			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	1,1,2,2-Tetrachloroethane	0.0222			Y	0.0009	0.001	4
B170319-BSD1	B170319-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0212			Y	0.0009	0.01	4
B170319-BSD1	B170319-BSD1	1,1,2-Trichloroethane	0.0228			Y	0.0012	0.002	4
B170319-BSD1	B170319-BSD1	1,1-Dichloroethane	0.0217			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	1,1-Dichloroethene	0.0215			Y	0.0011	0.004	4
B170319-BSD1	B170319-BSD1	1,1-Dichloropropene	0.0209			Y	0.0009	0.002	4
B170319-BSD1	B170319-BSD1	1,2,3-Trichlorobenzene	0.0236			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	1,2,3-Trichloropropane	0.0219			Y	0.0011	0.002	4
B170319-BSD1	B170319-BSD1	1,2,4-Trichlorobenzene	0.022			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	1,2,4-Trimethylbenzene	0.0218			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	1,2-Dibromo-3-Chloropropane	0.0209			Y	0.0011	0.004	4
B170319-BSD1	B170319-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0224			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	1,2-Dichlorobenzene	0.024			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	1,2-Dichloroethane	0.0239			Y	0.0013	0.002	4
B170319-BSD1	B170319-BSD1	1,2-Dichloroethane-D4	99.6			Y			4
B170319-BSD1	B170319-BSD1	1,2-Dichloropropane	0.0232			Y	0.0013	0.002	4
B170319-BSD1	B170319-BSD1	1,3,5-Trichlorobenzene	0.0222			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0253			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	1,3-Dichlorobenzene	0.0239			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	1,3-Dichloropropane	0.0221			Y	0.0007	0.001	4
B170319-BSD1	B170319-BSD1	1,4-Dichlorobenzene	0.024			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170319-BSD1	B170319-BSD1	1,4-Difluorobenzene	0.06			Y			4
B170319-BSD1	B170319-BSD1	1,4-Dioxane (P-Dioxane)	0.228		J	Y	0.058	0.1	4
B170319-BSD1	B170319-BSD1	2,2-Dichloropropane	0.0161			Y	0.0009	0.002	4
B170319-BSD1	B170319-BSD1	2-Chlorotoluene	0.0251			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	2-Hexanone	0.249			Y	0.011	0.02	4
B170319-BSD1	B170319-BSD1	2-Methoxy-2-Methylbutane	0.0185			Y	0.0007	0.001	4
B170319-BSD1	B170319-BSD1	4-Chlorotoluene	0.0241			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Acetone	0.211			Y	0.023	0.1	4
B170319-BSD1	B170319-BSD1	Acrylonitrile	0.0214			Y	0.0025	0.006	4
B170319-BSD1	B170319-BSD1	Benzene	0.0213			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	Bromobenzene	0.0233			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Bromochloromethane	0.0282			Y	0.0014	0.002	4
B170319-BSD1	B170319-BSD1	Bromodichloromethane	0.0241			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	Bromoform	0.0248			Y	0.0014	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170319-BSD1	B170319-BSD1	Bromomethane	0.0159			Y	0.0042	0.01	4
B170319-BSD1	B170319-BSD1	Carbon Disulfide	0.0222			Y	0.0043	0.006	4
B170319-BSD1	B170319-BSD1	Carbon Tetrachloride	0.021			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Chlorobenzene	0.0246			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	Chlorobenzene-D5	0.06			Y			4
B170319-BSD1	B170319-BSD1	Chloroethane		U		Y	0.0015	0.02	4
B170319-BSD1	B170319-BSD1	Chloroform	0.0221			Y	0.0007	0.004	4
B170319-BSD1	B170319-BSD1	Chloromethane	0.0241			Y	0.0064	0.01	4
B170319-BSD1	B170319-BSD1	Cis-1,2-Dichloroethylene	0.0201			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Cis-1,3-Dichloropropene	0.0201			Y	0.0007	0.001	4
B170319-BSD1	B170319-BSD1	Cymene	0.0235			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Dibromochloromethane	0.0258			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	Dibromomethane	0.0236			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	Dichlorodifluoromethane	0.021			Y	0.0013	0.02	4
B170319-BSD1	B170319-BSD1	Diethyl Ether (Ethyl Ether)		U		Y	0.0018	0.02	4
B170319-BSD1	B170319-BSD1	Ethyl Tert-Butyl Ether	0.0207			Y	0.0006	0.001	4
B170319-BSD1	B170319-BSD1	Ethylbenzene	0.0238			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Hexachlorobutadiene	0.0253			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	Isopropyl Ether	0.0235			Y	0.0006	0.001	4
B170319-BSD1	B170319-BSD1	Isopropylbenzene (Cumene)	0.0266			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	m,p-Xylene	0.0487			Y	0.0017	0.004	4
B170319-BSD1	B170319-BSD1	Methyl Acetate	0.029			Y	0.0016	0.002	4
B170319-BSD1	B170319-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.229			Y	0.018	0.04	4
B170319-BSD1	B170319-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.243			Y	0.0076	0.02	4
B170319-BSD1	B170319-BSD1	Methylcyclohexane	0.0217			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	Methylene Chloride	0.0237			Y	0.0071	0.02	4
B170319-BSD1	B170319-BSD1	Naphthalene	0.0218			Y	0.0007	0.004	4
B170319-BSD1	B170319-BSD1	N-Butylbenzene	0.0233			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	N-Propylbenzene	0.0248			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0236			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	p-Bromofluorobenzene	102			Y			4
B170319-BSD1	B170319-BSD1	Pentafluorobenzene	0.06			Y			4
B170319-BSD1	B170319-BSD1	Sec-Butylbenzene	0.0241			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	Styrene	0.0238			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	T-Butylbenzene	0.0234			Y	0.0009	0.002	4
B170319-BSD1	B170319-BSD1	Tert-Butyl Alcohol	0.111		J	Y	0.021	0.04	4
B170319-BSD1	B170319-BSD1	Tert-Butyl Methyl Ether	0.0161			Y	0.0009	0.004	4
B170319-BSD1	B170319-BSD1	Tetrachloroethylene (PCE)	0.0258			Y	0.0013	0.002	4
B170319-BSD1	B170319-BSD1	Tetrahydrofuran	0.022			Y	0.0022	0.01	4
B170319-BSD1	B170319-BSD1	Toluene	0.0236			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Toluene-D8	103			Y			4
B170319-BSD1	B170319-BSD1	Trans-1,2-Dichloroethene	0.0243			Y	0.0009	0.002	4
B170319-BSD1	B170319-BSD1	Trans-1,3-Dichloropropene	0.0205			Y	0.0007	0.001	4
B170319-BSD1	B170319-BSD1	Trans-1,4-Dichloro-2-Butene	0.0222			Y	0.0021	0.004	4
B170319-BSD1	B170319-BSD1	Trichloroethylene (TCE)	0.0232			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	Trichlorofluoromethane	0.0234			Y	0.0011	0.01	4
B170319-BSD1	B170319-BSD1	Vinyl Chloride	0.019			Y	0.0011	0.01	4
B170370-BLK1	B170370-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.0018	0.002	4
B170370-BLK1	B170370-BLK1	1,1,1-Trichloroethane		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.0009	0.001	4
B170370-BLK1	B170370-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0009	0.01	4
B170370-BLK1	B170370-BLK1	1,1,2-Trichloroethane		U		Y	0.0012	0.002	4
B170370-BLK1	B170370-BLK1	1,1-Dichloroethane		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	1,1-Dichloroethene		U		Y	0.0011	0.004	4
B170370-BLK1	B170370-BLK1	1,1-Dichloropropene		U		Y	0.0009	0.002	4
B170370-BLK1	B170370-BLK1	1,2,3-Trichlorobenzene		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	1,2,3-Trichloropropane		U		Y	0.0011	0.002	4
B170370-BLK1	B170370-BLK1	1,2,4-Trichlorobenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	1,2,4-Trimethylbenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.0011	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dichlorobenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dichloroethane		U		Y	0.0013	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dichloroethane-D4	95.2			Y			4
B170370-BLK1	B170370-BLK1	1,2-Dichloropropane		U		Y	0.0013	0.002	4
B170370-BLK1	B170370-BLK1	1,3,5-Trichlorobenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	1,3-Dichlorobenzene		U		Y	0.0007	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170370-BLK1	B170370-BLK1	1,3-Dichloropropane		U		Y	0.0007	0.001	4
B170370-BLK1	B170370-BLK1	1,4-Dichlorobenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170370-BLK1	B170370-BLK1	1,4-Difluorobenzene	0.06			Y			4
B170370-BLK1	B170370-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.058	0.1	4
B170370-BLK1	B170370-BLK1	2,2-Dichloropropane		U		Y	0.0009	0.002	4
B170370-BLK1	B170370-BLK1	2-Chlorotoluene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	2-Hexanone		U		Y	0.011	0.02	4
B170370-BLK1	B170370-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.0007	0.001	4
B170370-BLK1	B170370-BLK1	4-Chlorotoluene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Acetone		U		Y	0.023	0.1	4
B170370-BLK1	B170370-BLK1	Acrylonitrile		U		Y	0.0025	0.006	4
B170370-BLK1	B170370-BLK1	Benzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	Bromobenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Bromochloromethane		U		Y	0.0014	0.002	4
B170370-BLK1	B170370-BLK1	Bromodichloromethane		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	Bromoforn		U		Y	0.0014	0.002	4
B170370-BLK1	B170370-BLK1	Bromomethane		U		Y	0.0042	0.01	4
B170370-BLK1	B170370-BLK1	Carbon Disulfide		U		Y	0.0043	0.006	4
B170370-BLK1	B170370-BLK1	Carbon Tetrachloride		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Chlorobenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	Chlorobenzene-D5	0.06			Y			4
B170370-BLK1	B170370-BLK1	Chloroethane		U		Y	0.0015	0.02	4
B170370-BLK1	B170370-BLK1	Chloroform		U		Y	0.0007	0.004	4
B170370-BLK1	B170370-BLK1	Chloromethane		U		Y	0.0064	0.01	4
B170370-BLK1	B170370-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Cis-1,3-Dichloropropene		U		Y	0.0007	0.001	4
B170370-BLK1	B170370-BLK1	Cymene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Dibromochloromethane		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	Dibromomethane		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
B170370-BLK1	B170370-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.0018	0.02	4
B170370-BLK1	B170370-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.0006	0.001	4
B170370-BLK1	B170370-BLK1	Ethylbenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Hexachlorobutadiene		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	Isopropyl Ether		U		Y	0.0006	0.001	4
B170370-BLK1	B170370-BLK1	Isopropylbenzene (Cumene)		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	m,p-Xylene		U		Y	0.0017	0.004	4
B170370-BLK1	B170370-BLK1	Methyl Acetate		U		Y	0.0016	0.002	4
B170370-BLK1	B170370-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.018	0.04	4
B170370-BLK1	B170370-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0076	0.02	4
B170370-BLK1	B170370-BLK1	Methylcyclohexane		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	Methylene Chloride		U		Y	0.0071	0.02	4
B170370-BLK1	B170370-BLK1	Naphthalene		U		Y	0.0007	0.004	4
B170370-BLK1	B170370-BLK1	N-Butylbenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	N-Propylbenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	p-Bromofluorobenzene	97.2			Y			4
B170370-BLK1	B170370-BLK1	Pentafluorobenzene	0.06			Y			4
B170370-BLK1	B170370-BLK1	Sec-Butylbenzene		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	Styrene		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	T-Butylbenzene		U		Y	0.0009	0.002	4
B170370-BLK1	B170370-BLK1	Tert-Butyl Alcohol		U	UJ	Y	0.021	0.04	4
B170370-BLK1	B170370-BLK1	Tert-Butyl Methyl Ether		U		Y	0.0009	0.004	4
B170370-BLK1	B170370-BLK1	Tetrachloroethylene (PCE)		U		Y	0.0013	0.002	4
B170370-BLK1	B170370-BLK1	Tetrahydrofuran		U		Y	0.0022	0.01	4
B170370-BLK1	B170370-BLK1	Toluene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Toluene-D8	102			Y			4
B170370-BLK1	B170370-BLK1	Trans-1,2-Dichloroethene		U		Y	0.0009	0.002	4
B170370-BLK1	B170370-BLK1	Trans-1,3-Dichloropropene		U		Y	0.0007	0.001	4
B170370-BLK1	B170370-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.0021	0.004	4
B170370-BLK1	B170370-BLK1	Trichloroethylene (TCE)		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	Trichlorofluoromethane		U		Y	0.0011	0.01	4
B170370-BLK1	B170370-BLK1	Vinyl Chloride		U		Y	0.0011	0.01	4
B170370-BS1	B170370-BS1	1,1,1,2-Tetrachloroethane	0.0231			Y	0.0018	0.002	4
B170370-BS1	B170370-BS1	1,1,1-Trichloroethane	0.0217			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	1,1,2,2-Tetrachloroethane	0.019			Y	0.0009	0.001	4
B170370-BS1	B170370-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0231			Y	0.0009	0.01	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170370-BS1	B170370-BS1	1,1,2-Trichloroethane	0.0215			Y	0.0012	0.002	4
B170370-BS1	B170370-BS1	1,1-Dichloroethane	0.0226			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	1,1-Dichloroethene	0.0229			Y	0.0011	0.004	4
B170370-BS1	B170370-BS1	1,1-Dichloropropene	0.0212			Y	0.0009	0.002	4
B170370-BS1	B170370-BS1	1,2,3-Trichlorobenzene	0.0202			Y	0.0006	0.002	4
B170370-BS1	B170370-BS1	1,2,3-Trichloropropane	0.0192			Y	0.0011	0.002	4
B170370-BS1	B170370-BS1	1,2,4-Trichlorobenzene	0.0197			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	1,2,4-Trimethylbenzene	0.0207			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	1,2-Dibromo-3-Chloropropane	0.0187			Y	0.0011	0.002	4
B170370-BS1	B170370-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0221			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	1,2-Dichlorobenzene	0.0223			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	1,2-Dichloroethane	0.0233			Y	0.0013	0.002	4
B170370-BS1	B170370-BS1	1,2-Dichloroethane-D4	97.1			Y			4
B170370-BS1	B170370-BS1	1,2-Dichloropropane	0.022			Y	0.0013	0.002	4
B170370-BS1	B170370-BS1	1,3,5-Trichlorobenzene	0.0212			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0227			Y	0.0006	0.002	4
B170370-BS1	B170370-BS1	1,3-Dichlorobenzene	0.0222			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	1,3-Dichloropropane	0.0207			Y	0.0007	0.001	4
B170370-BS1	B170370-BS1	1,4-Dichlorobenzene	0.0223			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170370-BS1	B170370-BS1	1,4-Difluorobenzene	0.06			Y			4
B170370-BS1	B170370-BS1	1,4-Dioxane (P-Dioxane)	0.194		J	Y	0.058	0.1	4
B170370-BS1	B170370-BS1	2,2-Dichloropropane	0.0179			Y	0.0009	0.002	4
B170370-BS1	B170370-BS1	2-Chlorotoluene	0.0231			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	2-Hexanone	0.234			Y	0.011	0.02	4
B170370-BS1	B170370-BS1	2-Methoxy-2-Methylbutane	0.0182			Y	0.0007	0.001	4
B170370-BS1	B170370-BS1	4-Chlorotoluene	0.0217			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Acetone	0.212			Y	0.023	0.1	4
B170370-BS1	B170370-BS1	Acrylonitrile	0.0207			Y	0.0025	0.006	4
B170370-BS1	B170370-BS1	Benzene	0.0211			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	Bromobenzene	0.0203			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Bromochloromethane	0.0267			Y	0.0014	0.002	4
B170370-BS1	B170370-BS1	Bromodichloromethane	0.0226			Y	0.0006	0.002	4
B170370-BS1	B170370-BS1	Bromoform	0.024			Y	0.0014	0.002	4
B170370-BS1	B170370-BS1	Bromomethane	0.0152			Y	0.0042	0.01	4
B170370-BS1	B170370-BS1	Carbon Disulfide	0.024			Y	0.0043	0.006	4
B170370-BS1	B170370-BS1	Carbon Tetrachloride	0.0218			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Chlorobenzene	0.0228			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	Chlorobenzene-D5	0.06			Y			4
B170370-BS1	B170370-BS1	Chloroethane	0.0203			Y	0.0015	0.02	4
B170370-BS1	B170370-BS1	Chloroform	0.0208			Y	0.0007	0.004	4
B170370-BS1	B170370-BS1	Chloromethane	0.0226			Y	0.0064	0.01	4
B170370-BS1	B170370-BS1	Cis-1,2-Dichloroethylene	0.0203			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Cis-1,3-Dichloropropene	0.0203			Y	0.0007	0.001	4
B170370-BS1	B170370-BS1	Cymene	0.0224			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Dibromochloromethane	0.0245			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	Dibromomethane	0.0215			Y	0.0006	0.002	4
B170370-BS1	B170370-BS1	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
B170370-BS1	B170370-BS1	Diethyl Ether (Ethyl Ether)	0.0218			Y	0.0018	0.02	4
B170370-BS1	B170370-BS1	Ethyl Tert-Butyl Ether	0.0204			Y	0.0006	0.001	4
B170370-BS1	B170370-BS1	Ethylbenzene	0.0224			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Hexachlorobutadiene	0.0248			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	Isopropyl Ether	0.0232			Y	0.0006	0.001	4
B170370-BS1	B170370-BS1	Isopropylbenzene (Cumene)	0.0245			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	m,p-Xylene	0.0453			Y	0.0017	0.004	4
B170370-BS1	B170370-BS1	Methyl Acetate	0.0284			Y	0.0016	0.002	4
B170370-BS1	B170370-BS1	Methyl Ethyl Ketone (2-Butanone)	0.221			Y	0.018	0.04	4
B170370-BS1	B170370-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.233			Y	0.0076	0.02	4
B170370-BS1	B170370-BS1	Methylcyclohexane	0.0223			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	Methylene Chloride	0.0251			Y	0.0071	0.02	4
B170370-BS1	B170370-BS1	Naphthalene	0.0183			Y	0.0007	0.004	4
B170370-BS1	B170370-BS1	N-Butylbenzene	0.0219			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	N-Propylbenzene	0.0228			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0219			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	p-Bromofluorobenzene	99			Y			4
B170370-BS1	B170370-BS1	Pentafluorobenzene	0.06			Y			4
B170370-BS1	B170370-BS1	Sec-Butylbenzene	0.0226			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	Styrene	0.0214			Y	0.0006	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170370-BS1	B170370-BS1	T-Butylbenzene	0.0218			Y	0.0009	0.002	4
B170370-BS1	B170370-BS1	Tert-Butyl Alcohol	0.111		J	Y	0.021	0.04	4
B170370-BS1	B170370-BS1	Tert-Butyl Methyl Ether	0.0152			Y	0.0009	0.004	4
B170370-BS1	B170370-BS1	Tetrachloroethylene (PCE)	0.0258			Y	0.0013	0.002	4
B170370-BS1	B170370-BS1	Tetrahydrofuran	0.0204			Y	0.0022	0.01	4
B170370-BS1	B170370-BS1	Toluene	0.0229			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Toluene-D8	102			Y			4
B170370-BS1	B170370-BS1	Trans-1,2-Dichloroethene	0.0252			Y	0.0009	0.002	4
B170370-BS1	B170370-BS1	Trans-1,3-Dichloropropene	0.0212			Y	0.0007	0.001	4
B170370-BS1	B170370-BS1	Trans-1,4-Dichloro-2-Butene	0.0205			Y	0.0021	0.004	4
B170370-BS1	B170370-BS1	Trichloroethylene (TCE)	0.0228			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	Trichlorofluoromethane	0.025			Y	0.0011	0.01	4
B170370-BS1	B170370-BS1	Vinyl Chloride	0.0198			Y	0.0011	0.01	4
B170370-BSD1	B170370-BSD1	1,1,1,2-Tetrachloroethane	0.025			Y	0.0018	0.002	4
B170370-BSD1	B170370-BSD1	1,1,1-Trichloroethane	0.0205			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	1,1,2,2-Tetrachloroethane	0.0215			Y	0.0009	0.001	4
B170370-BSD1	B170370-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0218			Y	0.0009	0.01	4
B170370-BSD1	B170370-BSD1	1,1,2-Trichloroethane	0.0207			Y	0.0012	0.002	4
B170370-BSD1	B170370-BSD1	1,1-Dichloroethane	0.0213			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	1,1-Dichloroethene	0.0222			Y	0.0011	0.004	4
B170370-BSD1	B170370-BSD1	1,1-Dichloropropene	0.0208			Y	0.0009	0.002	4
B170370-BSD1	B170370-BSD1	1,2,3-Trichlorobenzene	0.0206			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	1,2,3-Trichloropropane	0.02			Y	0.0011	0.002	4
B170370-BSD1	B170370-BSD1	1,2,4-Trichlorobenzene	0.0202			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	1,2,4-Trimethylbenzene	0.0214			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dibromo-3-Chloropropane	0.0199			Y	0.0011	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0221			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dichlorobenzene	0.0227			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dichloroethane	0.0225			Y	0.0013	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dichloroethane-D4	96.3			Y			4
B170370-BSD1	B170370-BSD1	1,2-Dichloropropane	0.022			Y	0.0013	0.002	4
B170370-BSD1	B170370-BSD1	1,3,5-Trichlorobenzene	0.0225			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0239			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	1,3-Dichlorobenzene	0.0232			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	1,3-Dichloropropane	0.0212			Y	0.0007	0.001	4
B170370-BSD1	B170370-BSD1	1,4-Dichlorobenzene	0.0229			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170370-BSD1	B170370-BSD1	1,4-Difluorobenzene	0.06			Y			4
B170370-BSD1	B170370-BSD1	1,4-Dioxane (P-Dioxane)	0.196		J	Y	0.058	0.1	4
B170370-BSD1	B170370-BSD1	2,2-Dichloropropane	0.0173			Y	0.0009	0.002	4
B170370-BSD1	B170370-BSD1	2-Chlorotoluene	0.0242			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	2-Hexanone	0.242			Y	0.011	0.02	4
B170370-BSD1	B170370-BSD1	2-Methoxy-2-Methylbutane	0.0178			Y	0.0007	0.001	4
B170370-BSD1	B170370-BSD1	4-Chlorotoluene	0.0231			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Acetone	0.226			Y	0.023	0.1	4
B170370-BSD1	B170370-BSD1	Acrylonitrile	0.0208			Y	0.0025	0.006	4
B170370-BSD1	B170370-BSD1	Benzene	0.0205			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	Bromobenzene	0.0215			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Bromochloromethane	0.0256			Y	0.0014	0.002	4
B170370-BSD1	B170370-BSD1	Bromodichloromethane	0.0225			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	Bromoform	0.0248			Y	0.0014	0.002	4
B170370-BSD1	B170370-BSD1	Bromomethane	0.018			Y	0.0042	0.01	4
B170370-BSD1	B170370-BSD1	Carbon Disulfide	0.0231			Y	0.0043	0.006	4
B170370-BSD1	B170370-BSD1	Carbon Tetrachloride	0.0207			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Chlorobenzene	0.0232			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	Chlorobenzene-D5	0.06			Y			4
B170370-BSD1	B170370-BSD1	Chloroethane		U		Y	0.0015	0.02	4
B170370-BSD1	B170370-BSD1	Chloroform	0.0205			Y	0.0007	0.004	4
B170370-BSD1	B170370-BSD1	Chloromethane	0.0223			Y	0.0064	0.01	4
B170370-BSD1	B170370-BSD1	Cis-1,2-Dichloroethylene	0.0196			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Cis-1,3-Dichloropropene	0.02			Y	0.0007	0.001	4
B170370-BSD1	B170370-BSD1	Cymene	0.0225			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Dibromochloromethane	0.0247			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	Dibromomethane	0.0207			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
B170370-BSD1	B170370-BSD1	Diethyl Ether (Ethyl Ether)	0.0205			Y	0.0018	0.02	4
B170370-BSD1	B170370-BSD1	Ethyl Tert-Butyl Ether	0.0197			Y	0.0006	0.001	4
B170370-BSD1	B170370-BSD1	Ethylbenzene	0.0229			Y	0.0008	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170370-BSD1	B170370-BSD1	Hexachlorobutadiene	0.0252			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	Isopropyl Ether	0.0224			Y	0.0006	0.001	4
B170370-BSD1	B170370-BSD1	Isopropylbenzene (Cumene)	0.0256			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	m,p-Xylene	0.0461			Y	0.0017	0.004	4
B170370-BSD1	B170370-BSD1	Methyl Acetate	0.028			Y	0.0016	0.002	4
B170370-BSD1	B170370-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.22			Y	0.018	0.04	4
B170370-BSD1	B170370-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.238			Y	0.0076	0.02	4
B170370-BSD1	B170370-BSD1	Methylcyclohexane	0.0219			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	Methylene Chloride	0.0237			Y	0.0071	0.02	4
B170370-BSD1	B170370-BSD1	Naphthalene	0.0187			Y	0.0007	0.004	4
B170370-BSD1	B170370-BSD1	N-Butylbenzene	0.0227			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	N-Propylbenzene	0.0239			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0226			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	p-Bromofluorobenzene	103			Y			4
B170370-BSD1	B170370-BSD1	Pentafluorobenzene	0.06			Y			4
B170370-BSD1	B170370-BSD1	Sec-Butylbenzene	0.023			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	Styrene	0.023			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	T-Butylbenzene	0.0224			Y	0.0009	0.002	4
B170370-BSD1	B170370-BSD1	Tert-Butyl Alcohol	0.118		J	Y	0.021	0.04	4
B170370-BSD1	B170370-BSD1	Tert-Butyl Methyl Ether	0.0151			Y	0.0009	0.004	4
B170370-BSD1	B170370-BSD1	Tetrachloroethylene (PCE)	0.025			Y	0.0013	0.002	4
B170370-BSD1	B170370-BSD1	Tetrahydrofuran	0.0219			Y	0.0022	0.01	4
B170370-BSD1	B170370-BSD1	Toluene	0.0224			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Toluene-D8	102			Y			4
B170370-BSD1	B170370-BSD1	Trans-1,2-Dichloroethene	0.0239			Y	0.0009	0.002	4
B170370-BSD1	B170370-BSD1	Trans-1,3-Dichloropropene	0.0209			Y	0.0007	0.001	4
B170370-BSD1	B170370-BSD1	Trans-1,4-Dichloro-2-Butene	0.0207			Y	0.0021	0.004	4
B170370-BSD1	B170370-BSD1	Trichloroethylene (TCE)	0.0222			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	Trichlorofluoromethane	0.0231			Y	0.0011	0.01	4
B170370-BSD1	B170370-BSD1	Vinyl Chloride	0.0191			Y	0.0011	0.01	4
B170743-BLK1	B170743-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	1,1,1-Trichloroethane		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.16	0.5	4
B170743-BLK1	B170743-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.2	1	4
B170743-BLK1	B170743-BLK1	1,1,2-Trichloroethane		U		Y	0.24	1	4
B170743-BLK1	B170743-BLK1	1,1-Dichloroethane		U		Y	0.16	1	4
B170743-BLK1	B170743-BLK1	1,1-Dichloroethene		U		Y	0.21	1	4
B170743-BLK1	B170743-BLK1	1,1-Dichloropropene		U		Y	0.13	2	4
B170743-BLK1	B170743-BLK1	1,2,3-Trichlorobenzene		U		Y	0.14	5	4
B170743-BLK1	B170743-BLK1	1,2,3-Trichloropropane		U		Y	0.22	2	4
B170743-BLK1	B170743-BLK1	1,2,4-Trichlorobenzene		U		Y	0.19	1	4
B170743-BLK1	B170743-BLK1	1,2,4-Trimethylbenzene		U		Y	0.18	1	4
B170743-BLK1	B170743-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.37	5	4
B170743-BLK1	B170743-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.15	0.5	4
B170743-BLK1	B170743-BLK1	1,2-Dichlorobenzene		U		Y	0.17	1	4
B170743-BLK1	B170743-BLK1	1,2-Dichloroethane		U		Y	0.19	1	4
B170743-BLK1	B170743-BLK1	1,2-Dichloroethane-D4	102			Y			4
B170743-BLK1	B170743-BLK1	1,2-Dichloropropane		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	1,3,5-Trichlorobenzene		U		Y	0.17	1	4
B170743-BLK1	B170743-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	1,3-Dichlorobenzene		U		Y	0.17	1	4
B170743-BLK1	B170743-BLK1	1,3-Dichloropropane		U		Y	0.13	0.5	4
B170743-BLK1	B170743-BLK1	1,4-Dichlorobenzene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	1,4-Dichlorobenzene-D4	30			Y			4
B170743-BLK1	B170743-BLK1	1,4-Difluorobenzene	30			Y			4
B170743-BLK1	B170743-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	26	50	4
B170743-BLK1	B170743-BLK1	2,2-Dichloropropane		U		Y	0.21	1	4
B170743-BLK1	B170743-BLK1	2-Chlorotoluene		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	2-Hexanone		U		Y	1.5	10	4
B170743-BLK1	B170743-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.11	0.5	4
B170743-BLK1	B170743-BLK1	4-Chlorotoluene		U		Y	0.14	1	4
B170743-BLK1	B170743-BLK1	Acetone		U		Y	4.9	50	4
B170743-BLK1	B170743-BLK1	Acrylonitrile		U		Y	0.58	5	4
B170743-BLK1	B170743-BLK1	Benzene		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	Bromobenzene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	Bromochloromethane		U		Y	0.22	1	4
B170743-BLK1	B170743-BLK1	Bromodichloromethane		U		Y	0.3	0.5	4
B170743-BLK1	B170743-BLK1	Bromoform		U		Y	0.21	1	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170743-BLK1	B170743-BLK1	Bromomethane		U		Y	0.94	2	4
B170743-BLK1	B170743-BLK1	Carbon Disulfide		U		Y	1	4	4
B170743-BLK1	B170743-BLK1	Carbon Tetrachloride		U		Y	0.25	5	4
B170743-BLK1	B170743-BLK1	Chlorobenzene		U		Y	0.16	1	4
B170743-BLK1	B170743-BLK1	Chlorobenzene-D5	30			Y			4
B170743-BLK1	B170743-BLK1	Chloroethane		U		Y	0.28	2	4
B170743-BLK1	B170743-BLK1	Chloroform		U		Y	0.22	2	4
B170743-BLK1	B170743-BLK1	Chloromethane		U		Y	0.55	2	4
B170743-BLK1	B170743-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	Cis-1,3-Dichloropropene		U		Y	0.12	0.5	4
B170743-BLK1	B170743-BLK1	Cymene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	Dibromochloromethane		U		Y	0.1	0.5	4
B170743-BLK1	B170743-BLK1	Dibromomethane		U		Y	0.16	1	4
B170743-BLK1	B170743-BLK1	Dichlorodifluoromethane		U		Y	0.28	2	4
B170743-BLK1	B170743-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.22	2	4
B170743-BLK1	B170743-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.095	0.5	4
B170743-BLK1	B170743-BLK1	Ethylbenzene		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	Hexachlorobutadiene		U		Y	0.59	0.6	4
B170743-BLK1	B170743-BLK1	Isopropyl Ether		U		Y	0.18	0.5	4
B170743-BLK1	B170743-BLK1	Isopropylbenzene (Cumene)		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	m,p-Xylene		U		Y	0.26	2	4
B170743-BLK1	B170743-BLK1	Methyl Acetate		U		Y	0.42	1	4
B170743-BLK1	B170743-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	2.4	20	4
B170743-BLK1	B170743-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	1.5	10	4
B170743-BLK1	B170743-BLK1	Methylcyclohexane		U		Y	0.63	1	4
B170743-BLK1	B170743-BLK1	Methylene Chloride		U		Y	3.2	5	4
B170743-BLK1	B170743-BLK1	Naphthalene		U		Y	0.12	2	4
B170743-BLK1	B170743-BLK1	N-Butylbenzene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	N-Propylbenzene		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	p-Bromofluorobenzene	99			Y			4
B170743-BLK1	B170743-BLK1	Pentafluorobenzene	30			Y			4
B170743-BLK1	B170743-BLK1	Sec-Butylbenzene		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	Styrene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	T-Butylbenzene		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	Tert-Butyl Alcohol		U		Y	2.2	20	4
B170743-BLK1	B170743-BLK1	Tert-Butyl Methyl Ether		U		Y	0.09	1	4
B170743-BLK1	B170743-BLK1	Tetrachloroethylene (PCE)		U		Y	0.27	1	4
B170743-BLK1	B170743-BLK1	Tetrahydrofuran		U		Y	1.1	10	4
B170743-BLK1	B170743-BLK1	Toluene		U		Y	0.17	1	4
B170743-BLK1	B170743-BLK1	Toluene-D8	100			Y			4
B170743-BLK1	B170743-BLK1	Trans-1,2-Dichloroethene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	Trans-1,3-Dichloropropene		U		Y	0.11	0.5	4
B170743-BLK1	B170743-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.31	2	4
B170743-BLK1	B170743-BLK1	Trichloroethylene (TCE)		U		Y	0.2	1	4
B170743-BLK1	B170743-BLK1	Trichlorofluoromethane		U		Y	0.15	2	4
B170743-BLK1	B170743-BLK1	Vinyl Chloride		U		Y	0.13	2	4
B170743-BS1	B170743-BS1	1,1,1,2-Tetrachloroethane	10.2			Y	0.12	1	4
B170743-BS1	B170743-BS1	1,1,1-Trichloroethane	10			Y	0.13	1	4
B170743-BS1	B170743-BS1	1,1,2,2-Tetrachloroethane	10.2			Y	0.16	0.5	4
B170743-BS1	B170743-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	10			Y	0.2	1	4
B170743-BS1	B170743-BS1	1,1,2-Trichloroethane	10.7			Y	0.24	1	4
B170743-BS1	B170743-BS1	1,1-Dichloroethane	10.7			Y	0.16	1	4
B170743-BS1	B170743-BS1	1,1-Dichloroethene	9.87			Y	0.21	1	4
B170743-BS1	B170743-BS1	1,1-Dichloropropene	10.6			Y	0.13	2	4
B170743-BS1	B170743-BS1	1,2,3-Trichlorobenzene	13.3			Y	0.14	5	4
B170743-BS1	B170743-BS1	1,2,3-Trichloropropane	9.99			Y	0.22	2	4
B170743-BS1	B170743-BS1	1,2,4-Trichlorobenzene	12.4			Y	0.19	1	4
B170743-BS1	B170743-BS1	1,2,4-Trimethylbenzene	10.5			Y	0.18	1	4
B170743-BS1	B170743-BS1	1,2-Dibromo-3-Chloropropane	11.9			Y	0.37	5	4
B170743-BS1	B170743-BS1	1,2-Dibromoethane (Ethylene Dibromide)	10.4			Y	0.15	0.5	4
B170743-BS1	B170743-BS1	1,2-Dichlorobenzene	10.8			Y	0.17	1	4
B170743-BS1	B170743-BS1	1,2-Dichloroethane	10.9			Y	0.19	1	4
B170743-BS1	B170743-BS1	1,2-Dichloroethane-D4	103			Y			4
B170743-BS1	B170743-BS1	1,2-Dichloropropane	10.6			Y	0.13	1	4
B170743-BS1	B170743-BS1	1,3,5-Trichlorobenzene	11.9			Y	0.17	1	4
B170743-BS1	B170743-BS1	1,3,5-Trimethylbenzene (Mesitylene)	9.97			Y	0.13	1	4
B170743-BS1	B170743-BS1	1,3-Dichlorobenzene	11.1			Y	0.17	1	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170743-BS1	B170743-BS1	1,3-Dichloropropane	10			Y	0.13	0.5	4
B170743-BS1	B170743-BS1	1,4-Dichlorobenzene	10.8			Y	0.15	1	4
B170743-BS1	B170743-BS1	1,4-Dichlorobenzene-D4	30			Y			4
B170743-BS1	B170743-BS1	1,4-Difluorobenzene	30			Y			4
B170743-BS1	B170743-BS1	1,4-Dioxane (P-Dioxane)	84.2		J	Y	26	50	4
B170743-BS1	B170743-BS1	2,2-Dichloropropane	10.9			Y	0.21	1	4
B170743-BS1	B170743-BS1	2-Chlorotoluene	10.7			Y	0.12	1	4
B170743-BS1	B170743-BS1	2-Hexanone	99.6			Y	1.5	10	4
B170743-BS1	B170743-BS1	2-Methoxy-2-Methylbutane	9.69			Y	0.11	0.5	4
B170743-BS1	B170743-BS1	4-Chlorotoluene	10.5			Y	0.14	1	4
B170743-BS1	B170743-BS1	Acetone	93.9			Y	4.9	50	4
B170743-BS1	B170743-BS1	Acrylonitrile	10.4			Y	0.58	5	4
B170743-BS1	B170743-BS1	Benzene	10.5			Y	0.12	1	4
B170743-BS1	B170743-BS1	Bromobenzene	10.3			Y	0.15	1	4
B170743-BS1	B170743-BS1	Bromochloromethane	11.5			Y	0.22	1	4
B170743-BS1	B170743-BS1	Bromodichloromethane	11			Y	0.3	0.5	4
B170743-BS1	B170743-BS1	Bromoform	10.2			Y	0.21	1	4
B170743-BS1	B170743-BS1	Bromomethane	4.74			Y	0.94	2	4
B170743-BS1	B170743-BS1	Carbon Disulfide	13.4			Y	1	4	4
B170743-BS1	B170743-BS1	Carbon Tetrachloride	10.5			Y	0.25	5	4
B170743-BS1	B170743-BS1	Chlorobenzene	10.4			Y	0.16	1	4
B170743-BS1	B170743-BS1	Chlorobenzene-D5	30			Y			4
B170743-BS1	B170743-BS1	Chloroethane	8.2			Y	0.28	2	4
B170743-BS1	B170743-BS1	Chloroform	10.7			Y	0.22	2	4
B170743-BS1	B170743-BS1	Chloromethane	6.93			Y	0.55	2	4
B170743-BS1	B170743-BS1	Cis-1,2-Dichloroethylene	10.1			Y	0.15	1	4
B170743-BS1	B170743-BS1	Cis-1,3-Dichloropropene	10.1			Y	0.12	0.5	4
B170743-BS1	B170743-BS1	Cymene	10.4			Y	0.15	1	4
B170743-BS1	B170743-BS1	Dibromochloromethane	10.9			Y	0.1	0.5	4
B170743-BS1	B170743-BS1	Dibromomethane	10.9			Y	0.16	1	4
B170743-BS1	B170743-BS1	Dichlorodifluoromethane	5.74			Y	0.28	2	4
B170743-BS1	B170743-BS1	Diethyl Ether (Ethyl Ether)	9.84			Y	0.22	2	4
B170743-BS1	B170743-BS1	Ethyl Tert-Butyl Ether	9.96			Y	0.095	0.5	4
B170743-BS1	B170743-BS1	Ethylbenzene	10.4			Y	0.13	1	4
B170743-BS1	B170743-BS1	Hexachlorobutadiene	12.8			Y	0.59	0.6	4
B170743-BS1	B170743-BS1	Isopropyl Ether	10.2			Y	0.18	0.5	4
B170743-BS1	B170743-BS1	Isopropylbenzene (Cumene)	10.8			Y	0.12	1	4
B170743-BS1	B170743-BS1	m,p-Xylene	21.1			Y	0.26	2	4
B170743-BS1	B170743-BS1	Methyl Acetate	11.3			Y	0.42	1	4
B170743-BS1	B170743-BS1	Methyl Ethyl Ketone (2-Butanone)	96.5			Y	2.4	20	4
B170743-BS1	B170743-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	96.6			Y	1.5	10	4
B170743-BS1	B170743-BS1	Methylcyclohexane	10.8			Y	0.63	1	4
B170743-BS1	B170743-BS1	Methylene Chloride	11.3			Y	3.2	5	4
B170743-BS1	B170743-BS1	Naphthalene	12.8			Y	0.12	2	4
B170743-BS1	B170743-BS1	N-Butylbenzene	11.2			Y	0.15	1	4
B170743-BS1	B170743-BS1	N-Propylbenzene	10.5			Y	0.13	1	4
B170743-BS1	B170743-BS1	O-Xylene (1,2-Dimethylbenzene)	10.3			Y	0.13	1	4
B170743-BS1	B170743-BS1	p-Bromofluorobenzene	100			Y			4
B170743-BS1	B170743-BS1	Pentafluorobenzene	30			Y			4
B170743-BS1	B170743-BS1	Sec-Butylbenzene	11.1			Y	0.13	1	4
B170743-BS1	B170743-BS1	Styrene	10.1			Y	0.15	1	4
B170743-BS1	B170743-BS1	T-Butylbenzene	10.6			Y	0.12	1	4
B170743-BS1	B170743-BS1	Tert-Butyl Alcohol	68.6			Y	2.2	20	4
B170743-BS1	B170743-BS1	Tert-Butyl Methyl Ether	9.87			Y	0.09	1	4
B170743-BS1	B170743-BS1	Tetrachloroethylene (PCE)	11.5			Y	0.27	1	4
B170743-BS1	B170743-BS1	Tetrahydrofuran	11			Y	1.1	10	4
B170743-BS1	B170743-BS1	Toluene	10.6			Y	0.17	1	4
B170743-BS1	B170743-BS1	Toluene-D8	100			Y			4
B170743-BS1	B170743-BS1	Trans-1,2-Dichloroethene	11.9			Y	0.15	1	4
B170743-BS1	B170743-BS1	Trans-1,3-Dichloropropene	10.3			Y	0.11	0.5	4
B170743-BS1	B170743-BS1	Trans-1,4-Dichloro-2-Butene	10.6			Y	0.31	2	4
B170743-BS1	B170743-BS1	Trichloroethylene (TCE)	10.7			Y	0.2	1	4
B170743-BS1	B170743-BS1	Trichlorofluoromethane	9.42			Y	0.15	2	4
B170743-BS1	B170743-BS1	Vinyl Chloride	7.62			Y	0.13	2	4
B170743-BSD1	B170743-BSD1	1,1,1,2-Tetrachloroethane	10.1			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	1,1,1-Trichloroethane	9.96			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	1,1,2,2-Tetrachloroethane	10.4			Y	0.16	0.5	4
B170743-BSD1	B170743-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	9.72			Y	0.2	1	4

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B170743-BSD1	B170743-BSD1	1,1,2-Trichloroethane	10.7			Y	0.24	1	4
B170743-BSD1	B170743-BSD1	1,1-Dichloroethane	10.3			Y	0.16	1	4
B170743-BSD1	B170743-BSD1	1,1-Dichloroethene	9.39			Y	0.21	1	4
B170743-BSD1	B170743-BSD1	1,1-Dichloropropene	10.4			Y	0.13	2	4
B170743-BSD1	B170743-BSD1	1,2,3-Trichlorobenzene	13.2			Y	0.14	5	4
B170743-BSD1	B170743-BSD1	1,2,3-Trichloropropane	10.2			Y	0.22	2	4
B170743-BSD1	B170743-BSD1	1,2,4-Trichlorobenzene	12.2			Y	0.19	1	4
B170743-BSD1	B170743-BSD1	1,2,4-Trimethylbenzene	10.5			Y	0.18	1	4
B170743-BSD1	B170743-BSD1	1,2-Dibromo-3-Chloropropane	11.6			Y	0.37	5	4
B170743-BSD1	B170743-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	10.6			Y	0.15	0.5	4
B170743-BSD1	B170743-BSD1	1,2-Dichlorobenzene	10.9			Y	0.17	1	4
B170743-BSD1	B170743-BSD1	1,2-Dichloroethane	10.8			Y	0.19	1	4
B170743-BSD1	B170743-BSD1	1,2-Dichloroethane-D4	104			Y			4
B170743-BSD1	B170743-BSD1	1,2-Dichloropropane	10.3			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	1,3,5-Trichlorobenzene	11.9			Y	0.17	1	4
B170743-BSD1	B170743-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	9.99			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	1,3-Dichlorobenzene	10.8			Y	0.17	1	4
B170743-BSD1	B170743-BSD1	1,3-Dichloropropane	10.2			Y	0.13	0.5	4
B170743-BSD1	B170743-BSD1	1,4-Dichlorobenzene	10.8			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	1,4-Dichlorobenzene-D4	30			Y			4
B170743-BSD1	B170743-BSD1	1,4-Difluorobenzene	30			Y			4
B170743-BSD1	B170743-BSD1	1,4-Dioxane (P-Dioxane)	95		J	Y	26	50	4
B170743-BSD1	B170743-BSD1	2,2-Dichloropropane	10.6			Y	0.21	1	4
B170743-BSD1	B170743-BSD1	2-Chlorotoluene	10.8			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	2-Hexanone	103			Y	1.5	10	4
B170743-BSD1	B170743-BSD1	2-Methoxy-2-Methylbutane	9.74			Y	0.11	0.5	4
B170743-BSD1	B170743-BSD1	4-Chlorotoluene	10.5			Y	0.14	1	4
B170743-BSD1	B170743-BSD1	Acetone	90.6			Y	4.9	50	4
B170743-BSD1	B170743-BSD1	Acrylonitrile	10.2			Y	0.58	5	4
B170743-BSD1	B170743-BSD1	Benzene	10.3			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	Bromobenzene	10.2			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	Bromochloromethane	11.2			Y	0.22	1	4
B170743-BSD1	B170743-BSD1	Bromodichloromethane	10.9			Y	0.3	0.5	4
B170743-BSD1	B170743-BSD1	Bromoform	10.4			Y	0.21	1	4
B170743-BSD1	B170743-BSD1	Bromomethane	6.4			Y	0.94	2	4
B170743-BSD1	B170743-BSD1	Carbon Disulfide	12.7			Y	1	4	4
B170743-BSD1	B170743-BSD1	Carbon Tetrachloride	10.1			Y	0.25	5	4
B170743-BSD1	B170743-BSD1	Chlorobenzene	10.5			Y	0.16	1	4
B170743-BSD1	B170743-BSD1	Chlorobenzene-D5	30			Y			4
B170743-BSD1	B170743-BSD1	Chloroethane	8.15			Y	0.28	2	4
B170743-BSD1	B170743-BSD1	Chloroform	10.3			Y	0.22	2	4
B170743-BSD1	B170743-BSD1	Chloromethane	6.84			Y	0.55	2	4
B170743-BSD1	B170743-BSD1	Cis-1,2-Dichloroethylene	9.94			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	Cis-1,3-Dichloropropene	9.72			Y	0.12	0.5	4
B170743-BSD1	B170743-BSD1	Cymene	10.3			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	Dibromochloromethane	11			Y	0.1	0.5	4
B170743-BSD1	B170743-BSD1	Dibromomethane	10.9			Y	0.16	1	4
B170743-BSD1	B170743-BSD1	Dichlorodifluoromethane	5.6			Y	0.28	2	4
B170743-BSD1	B170743-BSD1	Diethyl Ether (Ethyl Ether)	9.66			Y	0.22	2	4
B170743-BSD1	B170743-BSD1	Ethyl Tert-Butyl Ether	9.88			Y	0.095	0.5	4
B170743-BSD1	B170743-BSD1	Ethylbenzene	10.4			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	Hexachlorobutadiene	13			Y	0.59	0.6	4
B170743-BSD1	B170743-BSD1	Isopropyl Ether	9.94			Y	0.18	0.5	4
B170743-BSD1	B170743-BSD1	Isopropylbenzene (Cumene)	10.8			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	m,p-Xylene	21.1			Y	0.26	2	4
B170743-BSD1	B170743-BSD1	Methyl Acetate	11.4			Y	0.42	1	4
B170743-BSD1	B170743-BSD1	Methyl Ethyl Ketone (2-Butanone)	94.9			Y	2.4	20	4
B170743-BSD1	B170743-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	99.6			Y	1.5	10	4
B170743-BSD1	B170743-BSD1	Methylcyclohexane	10.8			Y	0.63	1	4
B170743-BSD1	B170743-BSD1	Methylene Chloride	11			Y	3.2	5	4
B170743-BSD1	B170743-BSD1	Naphthalene	12.6			Y	0.12	2	4
B170743-BSD1	B170743-BSD1	N-Butylbenzene	11			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	N-Propylbenzene	10.5			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	O-Xylene (1,2-Dimethylbenzene)	10.3			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	p-Bromofluorobenzene	101			Y			4
B170743-BSD1	B170743-BSD1	Pentafluorobenzene	30			Y			4
B170743-BSD1	B170743-BSD1	Sec-Butylbenzene	10.9			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	Styrene	10.1			Y	0.15	1	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170743-BSD1	B170743-BSD1	T-Butylbenzene	10.4			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	Tert-Butyl Alcohol	68.8			Y	2.2	20	4
B170743-BSD1	B170743-BSD1	Tert-Butyl Methyl Ether	9.74			Y	0.09	1	4
B170743-BSD1	B170743-BSD1	Tetrachloroethylene (PCE)	11.3			Y	0.27	1	4
B170743-BSD1	B170743-BSD1	Tetrahydrofuran	10.9			Y	1.1	10	4
B170743-BSD1	B170743-BSD1	Toluene	10.6			Y	0.17	1	4
B170743-BSD1	B170743-BSD1	Toluene-D8	101			Y			4
B170743-BSD1	B170743-BSD1	Trans-1,2-Dichloroethene	11.5			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	Trans-1,3-Dichloropropene	10.1			Y	0.11	0.5	4
B170743-BSD1	B170743-BSD1	Trans-1,4-Dichloro-2-Butene	10.6			Y	0.31	2	4
B170743-BSD1	B170743-BSD1	Trichloroethylene (TCE)	10.5			Y	0.2	1	4
B170743-BSD1	B170743-BSD1	Trichlorofluoromethane	9.05			Y	0.15	2	4
B170743-BSD1	B170743-BSD1	Vinyl Chloride	7.49			Y	0.13	2	4
B170812-BLK1	B170812-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	1,1,1-Trichloroethane		U		Y	0.0066	0.05	4
B170812-BLK1	B170812-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.008	0.025	4
B170812-BLK1	B170812-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0098	0.05	4
B170812-BLK1	B170812-BLK1	1,1,2-Trichloroethane		U		Y	0.012	0.05	4
B170812-BLK1	B170812-BLK1	1,1-Dichloroethane		U		Y	0.0079	0.05	4
B170812-BLK1	B170812-BLK1	1,1-Dichloroethene		U		Y	0.01	0.05	4
B170812-BLK1	B170812-BLK1	1,1-Dichloropropene		U		Y	0.0064	0.1	4
B170812-BLK1	B170812-BLK1	1,2,3-Trichlorobenzene		U		Y	0.007	0.25	4
B170812-BLK1	B170812-BLK1	1,2,3-Trichloropropane		U		Y	0.011	0.1	4
B170812-BLK1	B170812-BLK1	1,2,4-Trichlorobenzene		U		Y	0.0095	0.05	4
B170812-BLK1	B170812-BLK1	1,2,4-Trimethylbenzene		U		Y	0.009	0.05	4
B170812-BLK1	B170812-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.018	0.25	4
B170812-BLK1	B170812-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0074	0.025	4
B170812-BLK1	B170812-BLK1	1,2-Dichlorobenzene		U		Y	0.0085	0.05	4
B170812-BLK1	B170812-BLK1	1,2-Dichloroethane		U		Y	0.0097	0.05	4
B170812-BLK1	B170812-BLK1	1,2-Dichloroethane-D4	96.2			Y			4
B170812-BLK1	B170812-BLK1	1,2-Dichloropropane		U		Y	0.0065	0.05	4
B170812-BLK1	B170812-BLK1	1,3,5-Trichlorobenzene		U		Y	0.0085	0.05	4
B170812-BLK1	B170812-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0065	0.05	4
B170812-BLK1	B170812-BLK1	1,3-Dichlorobenzene		U		Y	0.0085	0.05	4
B170812-BLK1	B170812-BLK1	1,3-Dichloropropane		U		Y	0.0065	0.025	4
B170812-BLK1	B170812-BLK1	1,4-Dichlorobenzene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	1,4-Dichlorobenzene-D4	30			Y			4
B170812-BLK1	B170812-BLK1	1,4-Difluorobenzene	30			Y			4
B170812-BLK1	B170812-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.3	2.5	4
B170812-BLK1	B170812-BLK1	2,2-Dichloropropane		U		Y	0.011	0.05	4
B170812-BLK1	B170812-BLK1	2-Chlorotoluene		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	2-Hexanone		U		Y	0.076	0.5	4
B170812-BLK1	B170812-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.0053	0.025	4
B170812-BLK1	B170812-BLK1	4-Chlorotoluene		U		Y	0.007	0.05	4
B170812-BLK1	B170812-BLK1	Acetone		U		Y	0.24	2.5	4
B170812-BLK1	B170812-BLK1	Acrylonitrile		U		Y	0.029	0.25	4
B170812-BLK1	B170812-BLK1	Benzene		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	Bromobenzene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	Bromochloromethane		U		Y	0.011	0.05	4
B170812-BLK1	B170812-BLK1	Bromodichloromethane		U		Y	0.015	0.05	4
B170812-BLK1	B170812-BLK1	Bromoform		U		Y	0.01	0.1	4
B170812-BLK1	B170812-BLK1	Bromomethane		U		Y	0.047	0.1	4
B170812-BLK1	B170812-BLK1	Carbon Disulfide		U		Y	0.051	0.15	4
B170812-BLK1	B170812-BLK1	Carbon Tetrachloride		U		Y	0.012	0.05	4
B170812-BLK1	B170812-BLK1	Chlorobenzene		U		Y	0.008	0.05	4
B170812-BLK1	B170812-BLK1	Chlorobenzene-D5	30			Y			4
B170812-BLK1	B170812-BLK1	Chloroethane		U		Y	0.014	0.1	4
B170812-BLK1	B170812-BLK1	Chloroform		U		Y	0.011	0.1	4
B170812-BLK1	B170812-BLK1	Chloromethane		U	UJ	Y	0.028	0.1	4
B170812-BLK1	B170812-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.0074	0.05	4
B170812-BLK1	B170812-BLK1	Cis-1,3-Dichloropropene		U		Y	0.006	0.025	4
B170812-BLK1	B170812-BLK1	Cymene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	Dibromochloromethane		U		Y	0.0052	0.025	4
B170812-BLK1	B170812-BLK1	Dibromomethane		U		Y	0.008	0.05	4
B170812-BLK1	B170812-BLK1	Dichlorodifluoromethane		U		Y	0.014	0.1	4
B170812-BLK1	B170812-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.011	0.1	4
B170812-BLK1	B170812-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.0048	0.025	4
B170812-BLK1	B170812-BLK1	Ethylbenzene		U		Y	0.0065	0.05	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170812-BLK1	B170812-BLK1	Hexachlorobutadiene		U		Y	0.029	0.05	4
B170812-BLK1	B170812-BLK1	Isopropyl Ether		U		Y	0.009	0.025	4
B170812-BLK1	B170812-BLK1	Isopropylbenzene (Cumene)		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	m,p-Xylene		U		Y	0.013	0.1	4
B170812-BLK1	B170812-BLK1	Methyl Acetate		U		Y	0.021	0.5	4
B170812-BLK1	B170812-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.12	1	4
B170812-BLK1	B170812-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.073	0.5	4
B170812-BLK1	B170812-BLK1	Methylcyclohexane		U		Y	0.032	0.05	4
B170812-BLK1	B170812-BLK1	Methylene Chloride		U		Y	0.16	0.25	4
B170812-BLK1	B170812-BLK1	Naphthalene		U		Y	0.006	0.1	4
B170812-BLK1	B170812-BLK1	N-Butylbenzene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	N-Propylbenzene		U		Y	0.0065	0.05	4
B170812-BLK1	B170812-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0066	0.05	4
B170812-BLK1	B170812-BLK1	p-Bromofluorobenzene	95.3			Y			4
B170812-BLK1	B170812-BLK1	Pentafluorobenzene	30			Y			4
B170812-BLK1	B170812-BLK1	Sec-Butylbenzene		U		Y	0.0065	0.05	4
B170812-BLK1	B170812-BLK1	Styrene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	T-Butylbenzene		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	Tert-Butyl Alcohol		U		Y	0.11	1	4
B170812-BLK1	B170812-BLK1	Tert-Butyl Methyl Ether		U		Y	0.0045	0.05	4
B170812-BLK1	B170812-BLK1	Tetrachloroethylene (PCE)		U		Y	0.014	0.05	4
B170812-BLK1	B170812-BLK1	Tetrahydrofuran		U		Y	0.054	0.5	4
B170812-BLK1	B170812-BLK1	Toluene		U		Y	0.0085	0.05	4
B170812-BLK1	B170812-BLK1	Toluene-D8	100			Y			4
B170812-BLK1	B170812-BLK1	Trans-1,2-Dichloroethene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	Trans-1,3-Dichloropropene		U		Y	0.0056	0.025	4
B170812-BLK1	B170812-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.016	0.1	4
B170812-BLK1	B170812-BLK1	Trichloroethylene (TCE)		U		Y	0.01	0.05	4
B170812-BLK1	B170812-BLK1	Trichlorofluoromethane		U		Y	0.0074	0.1	4
B170812-BLK1	B170812-BLK1	Vinyl Chloride		U		Y	0.0066	0.1	4
B170812-BS1	B170812-BS1	1,1,1,2-Tetrachloroethane	0.0112	D		Y	0.00013	0.0011	4
B170812-BS1	B170812-BS1	1,1,1-Trichloroethane	0.0107	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	1,1,2,2-Tetrachloroethane	0.0108	D		Y	0.00018	0.00057	4
B170812-BS1	B170812-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0143	D		Y	0.00022	0.0011	4
B170812-BS1	B170812-BS1	1,1,2-Trichloroethane	0.0123	D		Y	0.00027	0.0011	4
B170812-BS1	B170812-BS1	1,1-Dichloroethane	0.011	D		Y	0.00018	0.0011	4
B170812-BS1	B170812-BS1	1,1-Dichloroethene	0.013	D		Y	0.00024	0.0011	4
B170812-BS1	B170812-BS1	1,1-Dichloropropene	0.0114	D		Y	0.00015	0.0023	4
B170812-BS1	B170812-BS1	1,2,3-Trichlorobenzene	0.00856	D		Y	0.00016	0.0057	4
B170812-BS1	B170812-BS1	1,2,3-Trichloropropane	0.0106	D		Y	0.00024	0.0023	4
B170812-BS1	B170812-BS1	1,2,4-Trichlorobenzene	0.00981	D		Y	0.00022	0.0011	4
B170812-BS1	B170812-BS1	1,2,4-Trimethylbenzene	0.0113	D		Y	0.0002	0.0011	4
B170812-BS1	B170812-BS1	1,2-Dibromo-3-Chloropropane	0.00754	D		Y	0.00042	0.0057	4
B170812-BS1	B170812-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0115	D		Y	0.00017	0.00057	4
B170812-BS1	B170812-BS1	1,2-Dichlorobenzene	0.0116	D		Y	0.00019	0.0011	4
B170812-BS1	B170812-BS1	1,2-Dichloroethane	0.00992	D		Y	0.00022	0.0011	4
B170812-BS1	B170812-BS1	1,2-Dichloroethane-D4	96.1			Y			4
B170812-BS1	B170812-BS1	1,2-Dichloropropane	0.0098	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	1,3,5-Trichlorobenzene	0.0115	D		Y	0.00019	0.0011	4
B170812-BS1	B170812-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0111	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	1,3-Dichlorobenzene	0.0114	D		Y	0.00019	0.0011	4
B170812-BS1	B170812-BS1	1,3-Dichloropropane	0.011	D		Y	0.00015	0.00057	4
B170812-BS1	B170812-BS1	1,4-Dichlorobenzene	0.0114	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	1,4-Dichlorobenzene-D4	30			Y			4
B170812-BS1	B170812-BS1	1,4-Difluorobenzene	30			Y			4
B170812-BS1	B170812-BS1	1,4-Dioxane (P-Dioxane)	0.109	D	J	Y	0.03	0.057	4
B170812-BS1	B170812-BS1	2,2-Dichloropropane	0.00994	D		Y	0.00024	0.0011	4
B170812-BS1	B170812-BS1	2-Chlorotoluene	0.0102	D		Y	0.00014	0.0011	4
B170812-BS1	B170812-BS1	2-Hexanone	0.0852	D		Y	0.0017	0.011	4
B170812-BS1	B170812-BS1	2-Methoxy-2-Methylbutane	0.0104	D		Y	0.00012	0.00057	4
B170812-BS1	B170812-BS1	4-Chlorotoluene	0.0106	D		Y	0.00016	0.0011	4
B170812-BS1	B170812-BS1	Acetone	0.1	D		Y	0.0055	0.057	4
B170812-BS1	B170812-BS1	Acrylonitrile	0.0139	D		Y	0.00066	0.0057	4
B170812-BS1	B170812-BS1	Benzene	0.0115	D		Y	0.00014	0.0011	4
B170812-BS1	B170812-BS1	Bromobenzene	0.0107	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	Bromochloromethane	0.0112	D		Y	0.00025	0.0011	4
B170812-BS1	B170812-BS1	Bromodichloromethane	0.0114	D		Y	0.00033	0.0011	4
B170812-BS1	B170812-BS1	Bromoform	0.0104	D		Y	0.00024	0.0023	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170812-BS1	B170812-BS1	Bromomethane	0.00612	D		Y	0.0011	0.0023	4
B170812-BS1	B170812-BS1	Carbon Disulfide	0.0125	D		Y	0.0012	0.0034	4
B170812-BS1	B170812-BS1	Carbon Tetrachloride	0.011	D		Y	0.00028	0.0011	4
B170812-BS1	B170812-BS1	Chlorobenzene	0.0119	D		Y	0.00018	0.0011	4
B170812-BS1	B170812-BS1	Chlorobenzene-D5	30			Y			4
B170812-BS1	B170812-BS1	Chloroethane	0.0115	D		Y	0.00032	0.0023	4
B170812-BS1	B170812-BS1	Chloroform	0.0107	D		Y	0.00025	0.0023	4
B170812-BS1	B170812-BS1	Chloromethane	0.00374	D	J	Y	0.00063	0.0023	4
B170812-BS1	B170812-BS1	Cis-1,2-Dichloroethylene	0.0103	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	Cis-1,3-Dichloropropene	0.01	D		Y	0.00014	0.00057	4
B170812-BS1	B170812-BS1	Cymene	0.0117	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	Dibromochloromethane	0.0123	D		Y	0.00012	0.00057	4
B170812-BS1	B170812-BS1	Dibromomethane	0.0114	D		Y	0.00018	0.0011	4
B170812-BS1	B170812-BS1	Dichlorodifluoromethane	0.00828	D		Y	0.00032	0.0023	4
B170812-BS1	B170812-BS1	Diethyl Ether (Ethyl Ether)	0.0121	D		Y	0.00025	0.0023	4
B170812-BS1	B170812-BS1	Ethyl Tert-Butyl Ether	0.0105	D		Y	0.00011	0.00057	4
B170812-BS1	B170812-BS1	Ethylbenzene	0.0113	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	Hexachlorobutadiene	0.0113	D		Y	0.00067	0.0011	4
B170812-BS1	B170812-BS1	Isopropyl Ether	0.00935	D		Y	0.00021	0.00057	4
B170812-BS1	B170812-BS1	Isopropylbenzene (Cumene)	0.0118	D		Y	0.00014	0.0011	4
B170812-BS1	B170812-BS1	m,p-Xylene	0.0217	D		Y	0.00029	0.0023	4
B170812-BS1	B170812-BS1	Methyl Acetate		U		Y	0.00048	0.011	4
B170812-BS1	B170812-BS1	Methyl Ethyl Ketone (2-Butanone)	0.0945	D		Y	0.0027	0.023	4
B170812-BS1	B170812-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.0892	D		Y	0.0017	0.011	4
B170812-BS1	B170812-BS1	Methylcyclohexane	0.0111	D		Y	0.00071	0.0011	4
B170812-BS1	B170812-BS1	Methylene Chloride	0.0133	D		Y	0.0036	0.0057	4
B170812-BS1	B170812-BS1	Naphthalene	0.00813	D		Y	0.00014	0.0023	4
B170812-BS1	B170812-BS1	N-Butylbenzene	0.0119	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	N-Propylbenzene	0.0114	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	O-Xylene (1,2-Dimethylbenzene)	0.011	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	p-Bromofluorobenzene	97.4			Y			4
B170812-BS1	B170812-BS1	Pentafluorobenzene	30			Y			4
B170812-BS1	B170812-BS1	Sec-Butylbenzene	0.0117	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	Styrene	0.0109	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	T-Butylbenzene	0.0114	D		Y	0.00014	0.0011	4
B170812-BS1	B170812-BS1	Tert-Butyl Alcohol	0.116	D		Y	0.0025	0.023	4
B170812-BS1	B170812-BS1	Tert-Butyl Methyl Ether	0.0107	D		Y	0.0001	0.0011	4
B170812-BS1	B170812-BS1	Tetrachloroethylene (PCE)	0.0117	D		Y	0.00031	0.0011	4
B170812-BS1	B170812-BS1	Tetrahydrofuran		U		Y	0.0012	0.011	4
B170812-BS1	B170812-BS1	Toluene	0.0112	D		Y	0.00019	0.0011	4
B170812-BS1	B170812-BS1	Toluene-D8	99.5			Y			4
B170812-BS1	B170812-BS1	Trans-1,2-Dichloroethene	0.0122	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	Trans-1,3-Dichloropropene	0.0114	D		Y	0.00013	0.00057	4
B170812-BS1	B170812-BS1	Trans-1,4-Dichloro-2-Butene	0.0116	D		Y	0.00035	0.0023	4
B170812-BS1	B170812-BS1	Trichloroethylene (TCE)	0.0116	D		Y	0.00023	0.0011	4
B170812-BS1	B170812-BS1	Trichlorofluoromethane	0.0121	D		Y	0.00017	0.0023	4
B170812-BS1	B170812-BS1	Vinyl Chloride	0.0115	D		Y	0.00015	0.0023	4
B170812-BSD1	B170812-BSD1	1,1,1,2-Tetrachloroethane	0.0113	D		Y	0.00013	0.0011	4
B170812-BSD1	B170812-BSD1	1,1,1-Trichloroethane	0.0109	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	1,1,2,2-Tetrachloroethane	0.00935	D		Y	0.00018	0.00057	4
B170812-BSD1	B170812-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0148	D		Y	0.00022	0.0011	4
B170812-BSD1	B170812-BSD1	1,1,2-Trichloroethane	0.0119	D		Y	0.00027	0.0011	4
B170812-BSD1	B170812-BSD1	1,1-Dichloroethane	0.0111	D		Y	0.00018	0.0011	4
B170812-BSD1	B170812-BSD1	1,1-Dichloroethene	0.0137	D		Y	0.00024	0.0011	4
B170812-BSD1	B170812-BSD1	1,1-Dichloropropene	0.0112	D		Y	0.00015	0.0023	4
B170812-BSD1	B170812-BSD1	1,2,3-Trichlorobenzene	0.00919	D		Y	0.00016	0.0057	4
B170812-BSD1	B170812-BSD1	1,2,3-Trichloropropane	0.00985	D		Y	0.00024	0.0023	4
B170812-BSD1	B170812-BSD1	1,2,4-Trichlorobenzene	0.0101	D		Y	0.00022	0.0011	4
B170812-BSD1	B170812-BSD1	1,2,4-Trimethylbenzene	0.0115	D		Y	0.0002	0.0011	4
B170812-BSD1	B170812-BSD1	1,2-Dibromo-3-Chloropropane	0.00827	D		Y	0.00042	0.0057	4
B170812-BSD1	B170812-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0114	D		Y	0.00017	0.00057	4
B170812-BSD1	B170812-BSD1	1,2-Dichlorobenzene	0.0116	D		Y	0.00019	0.0011	4
B170812-BSD1	B170812-BSD1	1,2-Dichloroethane	0.00995	D		Y	0.00022	0.0011	4
B170812-BSD1	B170812-BSD1	1,2-Dichloroethane-D4	95.8			Y			4
B170812-BSD1	B170812-BSD1	1,2-Dichloropropane	0.00988	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	1,3,5-Trichlorobenzene	0.0113	D		Y	0.00019	0.0011	4
B170812-BSD1	B170812-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0106	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	1,3-Dichlorobenzene	0.0113	D		Y	0.00019	0.0011	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170812-BSD1	B170812-BSD1	1,3-Dichloropropane	0.0109	D		Y	0.00015	0.00057	4
B170812-BSD1	B170812-BSD1	1,4-Dichlorobenzene	0.0115	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	1,4-Dichlorobenzene-D4	30			Y			4
B170812-BSD1	B170812-BSD1	1,4-Difluorobenzene	30			Y			4
B170812-BSD1	B170812-BSD1	1,4-Dioxane (P-Dioxane)	0.115	D	J	Y	0.03	0.057	4
B170812-BSD1	B170812-BSD1	2,2-Dichloropropane	0.00991	D		Y	0.00024	0.0011	4
B170812-BSD1	B170812-BSD1	2-Chlorotoluene	0.00946	D		Y	0.00014	0.0011	4
B170812-BSD1	B170812-BSD1	2-Hexanone	0.0837	D		Y	0.0017	0.011	4
B170812-BSD1	B170812-BSD1	2-Methoxy-2-Methylbutane	0.0103	D		Y	0.00012	0.00057	4
B170812-BSD1	B170812-BSD1	4-Chlorotoluene	0.00998	D		Y	0.00016	0.0011	4
B170812-BSD1	B170812-BSD1	Acetone	0.102	D		Y	0.0055	0.057	4
B170812-BSD1	B170812-BSD1	Acrylonitrile	0.0138	D		Y	0.00066	0.0057	4
B170812-BSD1	B170812-BSD1	Benzene	0.0115	D		Y	0.00014	0.0011	4
B170812-BSD1	B170812-BSD1	Bromobenzene	0.00989	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	Bromochloromethane	0.0115	D		Y	0.00025	0.0011	4
B170812-BSD1	B170812-BSD1	Bromodichloromethane	0.0111	D		Y	0.00033	0.0011	4
B170812-BSD1	B170812-BSD1	Bromoform	0.00934	D		Y	0.00024	0.0023	4
B170812-BSD1	B170812-BSD1	Bromomethane	0.00694	D		Y	0.0011	0.0023	4
B170812-BSD1	B170812-BSD1	Carbon Disulfide	0.0126	D		Y	0.0012	0.0034	4
B170812-BSD1	B170812-BSD1	Carbon Tetrachloride	0.0113	D		Y	0.00028	0.0011	4
B170812-BSD1	B170812-BSD1	Chlorobenzene	0.0117	D		Y	0.00018	0.0011	4
B170812-BSD1	B170812-BSD1	Chlorobenzene-D5	30			Y			4
B170812-BSD1	B170812-BSD1	Chloroethane	0.0114	D		Y	0.00032	0.0023	4
B170812-BSD1	B170812-BSD1	Chloroform	0.0107	D		Y	0.00025	0.0023	4
B170812-BSD1	B170812-BSD1	Chloromethane	0.0045	D	J	Y	0.00063	0.0023	4
B170812-BSD1	B170812-BSD1	Cis-1,2-Dichloroethylene	0.0102	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	Cis-1,3-Dichloropropene	0.00991	D		Y	0.00014	0.00057	4
B170812-BSD1	B170812-BSD1	Cymene	0.0119	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	Dibromochloromethane	0.0121	D		Y	0.00012	0.00057	4
B170812-BSD1	B170812-BSD1	Dibromomethane	0.0115	D		Y	0.00018	0.0011	4
B170812-BSD1	B170812-BSD1	Dichlorodifluoromethane	0.00852	D		Y	0.00032	0.0023	4
B170812-BSD1	B170812-BSD1	Diethyl Ether (Ethyl Ether)	0.0119	D		Y	0.00025	0.0023	4
B170812-BSD1	B170812-BSD1	Ethyl Tert-Butyl Ether	0.0101	D		Y	0.00011	0.00057	4
B170812-BSD1	B170812-BSD1	Ethylbenzene	0.0112	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	Hexachlorobutadiene	0.0112	D		Y	0.00067	0.0011	4
B170812-BSD1	B170812-BSD1	Isopropyl Ether	0.00917	D		Y	0.00021	0.00057	4
B170812-BSD1	B170812-BSD1	Isopropylbenzene (Cumene)	0.0107	D		Y	0.00014	0.0011	4
B170812-BSD1	B170812-BSD1	m,p-Xylene	0.0201	D		Y	0.00029	0.0023	4
B170812-BSD1	B170812-BSD1	Methyl Acetate		U		Y	0.00048	0.011	4
B170812-BSD1	B170812-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.0949	D		Y	0.0027	0.023	4
B170812-BSD1	B170812-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.0885	D		Y	0.0017	0.011	4
B170812-BSD1	B170812-BSD1	Methylcyclohexane	0.0115	D		Y	0.00071	0.0011	4
B170812-BSD1	B170812-BSD1	Methylene Chloride	0.0134	D		Y	0.0036	0.0057	4
B170812-BSD1	B170812-BSD1	Naphthalene	0.00859	D		Y	0.00014	0.0023	4
B170812-BSD1	B170812-BSD1	N-Butylbenzene	0.0123	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	N-Propylbenzene	0.0108	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0101	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	p-Bromofluorobenzene	90			Y			4
B170812-BSD1	B170812-BSD1	Pentafluorobenzene	30			Y			4
B170812-BSD1	B170812-BSD1	Sec-Butylbenzene	0.0118	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	Styrene	0.0101	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	T-Butylbenzene	0.0114	D		Y	0.00014	0.0011	4
B170812-BSD1	B170812-BSD1	Tert-Butyl Alcohol	0.123	D		Y	0.0025	0.023	4
B170812-BSD1	B170812-BSD1	Tert-Butyl Methyl Ether	0.0106	D		Y	0.0001	0.0011	4
B170812-BSD1	B170812-BSD1	Tetrachloroethylene (PCE)	0.0115	D		Y	0.00031	0.0011	4
B170812-BSD1	B170812-BSD1	Tetrahydrofuran		U		Y	0.0012	0.011	4
B170812-BSD1	B170812-BSD1	Toluene	0.0112	D		Y	0.00019	0.0011	4
B170812-BSD1	B170812-BSD1	Toluene-D8	99.8			Y			4
B170812-BSD1	B170812-BSD1	Trans-1,2-Dichloroethene	0.0123	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	Trans-1,3-Dichloropropene	0.0114	D		Y	0.00013	0.00057	4
B170812-BSD1	B170812-BSD1	Trans-1,4-Dichloro-2-Butene	0.0115	D		Y	0.00035	0.0023	4
B170812-BSD1	B170812-BSD1	Trichloroethylene (TCE)	0.0117	D		Y	0.00023	0.0011	4
B170812-BSD1	B170812-BSD1	Trichlorofluoromethane	0.0123	D		Y	0.00017	0.0023	4
B170812-BSD1	B170812-BSD1	Vinyl Chloride	0.0115	D		Y	0.00015	0.0023	4
LB-14-COMP 1-0-4	17B0503-01	1,2,4,5-Tetrachlorobenzene		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,2,4-Trichlorobenzene		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,2-Dichlorobenzene		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,2-Diphenylhydrazine		U		Y	0.069	0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-COMP 1-0-4	17B0503-01	1,3-Dichlorobenzene		U		Y	0.073	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,4-Dichlorobenzene		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	1-Methylnaphthalene	0.55			Y	0.081	0.21	4
LB-14-COMP 1-0-4	17B0503-01	2,4,5-Trichlorophenol		U		Y	0.096	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4,6-Tribromophenol	54.6			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4,6-Trichlorophenol		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4-Dichlorophenol		U		Y	0.073	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4-Dimethylphenol		U		Y	0.079	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4-Dinitrophenol		U		Y	0.24	0.83	4
LB-14-COMP 1-0-4	17B0503-01	2,4-Dinitrotoluene		U		Y	0.069	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,6-Dinitrotoluene		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Chloronaphthalene		U		Y	0.08	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Chlorophenol		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Fluorobiphenyl	50			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Fluorophenol	43.9			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Methylnaphthalene	0.76			Y	0.074	0.21	4
LB-14-COMP 1-0-4	17B0503-01	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Nitroaniline		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Nitrophenol		U		Y	0.11	0.43	4
LB-14-COMP 1-0-4	17B0503-01	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-14-COMP 1-0-4	17B0503-01	3,3'-Dichlorobenzidine		U		Y	0.065	0.21	4
LB-14-COMP 1-0-4	17B0503-01	3-Nitroaniline		U		Y	0.061	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4-Bromophenyl Phenyl Ether		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4-Chloro-3-Methylphenol		U		Y	0.091	0.83	4
LB-14-COMP 1-0-4	17B0503-01	4-Chloroaniline		U	UJ	Y	0.098	0.83	4
LB-14-COMP 1-0-4	17B0503-01	4-Chlorophenyl Phenyl Ether		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4-Nitroaniline		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4-Nitrophenol		U		Y	0.093	0.83	4
LB-14-COMP 1-0-4	17B0503-01	Acenaphthene	0.25			Y	0.064	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Acenaphthene-D10	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Acenaphthylene		U		Y	0.071	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Acetophenone		U		Y	0.084	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Aniline		U		Y	0.12	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Anthracene	0.4			Y	0.061	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzidine		U	UJ	Y	0.53	0.83	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(A)Anthracene	1.3			Y	0.056	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(A)Pyrene	1.5			Y	0.066	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(B)Fluoranthene	2.3			Y	0.06	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(G,H,I)Perylene	2.2			Y	0.094	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(K)Fluoranthene	0.73			Y	0.066	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzoic Acid			UJ	Y	0.23	1.3	4
LB-14-COMP 1-0-4	17B0503-01	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Bis(2-Chloroethoxy) Methane		U		Y	0.081	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.084	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Bis(2-Chloroisopropyl) Ether		U		Y	0.091	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Carbazole		U		Y	0.055	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Chrysene	1.6			Y	0.066	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Chrysene-D12	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Dibenz(A,H)Anthracene	0.5			Y	0.13	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Dibenzofuran		U		Y	0.074	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Diethyl Phthalate		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Dimethyl Phthalate		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Di-N-Butyl Phthalate		U		Y	0.093	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Di-N-Octylphthalate		U		Y	0.22	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Fluoranthene	2.6			Y	0.07	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Fluorene	0.23			Y	0.069	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Hexachlorobenzene		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Hexachlorobutadiene		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Hexachlorocyclopentadiene		U		Y	0.09	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Hexachloroethane		U		Y	0.085	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Indeno(1,2,3-C,D)Pyrene	2.1			Y	0.15	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Isophorone		U		Y	0.083	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Naphthalene	0.52			Y	0.11	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Naphthalene-DB	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Nitrobenzene		U		Y	0.08	0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-COMP 1-0-4	17B0503-01	Nitrobenzene-D5	46.5			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-14-COMP 1-0-4	17B0503-01	N-Nitrosodi-N-Propylamine		U		Y	0.088	0.43	4
LB-14-COMP 1-0-4	17B0503-01	N-Nitrosodiphenylamine		U		Y	0.088	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Pentachloronitrobenzene		U		Y	0.1	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Pentachlorophenol		U		Y	0.1	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Perylene-DT2	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Phenanthrene	1.5			Y	0.11	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Phenanthrene-D10	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Phenol		U		Y	0.073	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Phenol-D6	46.2			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	Pyrene	3.8			Y	0.07	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Pyridine		U		Y	0.069	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Terphenyl-D14	69.7			Y		0.43	4
LB-15-COMP 1-0-4	17B0503-02	1,2,4,5-Tetrachlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,2,4-Trichlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,2-Dichlorobenzene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,2-Diphenylhydrazine		U		Y	0.06	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,3-Dichlorobenzene		U		Y	0.063	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,4-Dichlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,4-Dichlorobenzene-D4	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	1-Methylnaphthalene		U		Y	0.07	0.18	4
LB-15-COMP 1-0-4	17B0503-02	2,4,5-Trichlorophenol		U	UJ	Y	0.083	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4,6-Tribromophenol	0.345			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4,6-Trichlorophenol		U	UJ	Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4-Dichlorophenol		U		Y	0.063	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4-Dimethylphenol		U		Y	0.068	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4-Dinitrophenol		U	UJ	Y	0.21	0.72	4
LB-15-COMP 1-0-4	17B0503-02	2,4-Dinitrotoluene		U		Y	0.06	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,6-Dinitrotoluene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Chloronaphthalene		U		Y	0.069	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Chlorophenol		U	UJ	Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Fluorobiphenyl	95.4			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Fluorophenol	5.26			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Methylnaphthalene		U		Y	0.064	0.18	4
LB-15-COMP 1-0-4	17B0503-02	2-Methylphenol (O-Cresol)		U		Y	0.092	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Nitroaniline		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Nitrophenol		U		Y	0.098	0.37	4
LB-15-COMP 1-0-4	17B0503-02	3- And 4- Methylphenol (Total)		U		Y	0.12	0.37	4
LB-15-COMP 1-0-4	17B0503-02	3,3'-Dichlorobenzidine		U		Y	0.056	0.18	4
LB-15-COMP 1-0-4	17B0503-02	3-Nitroaniline		U		Y	0.053	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4,6-Dinitro-2-Methylphenol		U		Y	0.35	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4-Bromophenyl Phenyl Ether		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4-Chloro-3-Methylphenol		U		Y	0.079	0.72	4
LB-15-COMP 1-0-4	17B0503-02	4-Chloroaniline		U	UJ	Y	0.085	0.72	4
LB-15-COMP 1-0-4	17B0503-02	4-Chlorophenyl Phenyl Ether		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4-Nitroaniline		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4-Nitrophenol		U	UJ	Y	0.08	0.72	4
LB-15-COMP 1-0-4	17B0503-02	Acenaphthene		U		Y	0.055	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Acenaphthene-D10	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Acenaphthylene		U		Y	0.062	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Acetophenone		U		Y	0.073	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Aniline		U		Y	0.1	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Anthracene		U		Y	0.053	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzenidine		U	UJ	Y	0.46	0.72	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(A)Anthracene	0.32			Y	0.049	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(A)Pyrene	0.33			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(B)Fluoranthene	0.57			Y	0.052	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(G,H,I)Perylene	0.34			Y	0.081	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(K)Fluoranthene	0.19			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzoic Acid		U	UJ	Y	0.2	1.1	4
LB-15-COMP 1-0-4	17B0503-02	Benzyl Butyl Phthalate		U		Y	0.088	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Bis(2-Chloroethoxy) Methane		U		Y	0.07	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.073	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Bis(2-Chloroisopropyl) Ether		U		Y	0.079	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Bis(2-Ethylhexyl) Phthalate		U		Y	0.14	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Carbazole		U		Y	0.048	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Chrysene	0.43			Y	0.057	0.18	4

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LB-15-COMP 1-0-4	17B0503-02	Chrysene-D12	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Dibenz(A,H)Anthracene		U		Y	0.11	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Dibenzofuran		U		Y	0.064	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Diethyl Phthalate		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Dimethyl Phthalate		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Di-N-Butyl Phthalate		U		Y	0.08	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Di-N-Octylphthalate		U		Y	0.19	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Fluoranthene	0.6			Y	0.061	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Fluorene		U		Y	0.06	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Hexachlorobenzene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Hexachlorobutadiene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Hexachlorocyclopentadiene		U		Y	0.078	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Hexachloroethane		U		Y	0.074	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Indeno(1,2,3-C,D)Pyrene	0.35			Y	0.13	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Isophorone		U		Y	0.072	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Naphthalene		U		Y	0.094	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Naphthalene-D8	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Nitrobenzene		U		Y	0.069	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Nitrobenzene-D5	79.6			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	N-Nitrosodimethylamine		U		Y	0.23	0.37	4
LB-15-COMP 1-0-4	17B0503-02	N-Nitrosodi-N-Propylamine		U		Y	0.076	0.37	4
LB-15-COMP 1-0-4	17B0503-02	N-Nitrosodiphenylamine		U		Y	0.076	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Pentachloronitrobenzene		U		Y	0.088	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Pentachlorophenol		U		Y	0.089	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Perylene-D12	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Phenanthrene	0.44			Y	0.095	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Phenanthrene-D10	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Phenol		U	UJ	Y	0.063	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Phenol-D6	46.6			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	Pyrene	0.52			Y	0.061	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Pyridine		U		Y	0.06	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Terphenyl-D14	97.3			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,2,4-Trichlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,2-Dichlorobenzene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,2-Diphenylhydrazine		U		Y	0.059	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,3-Dichlorobenzene		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,4-Dichlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,4-Dichlorobenzene-D4	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	1-Methylnaphthalene		U		Y	0.07	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4,5-Trichlorophenol		U		Y	0.083	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4,6-Tribromophenol	25.4			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4,6-Trichlorophenol		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4-Dichlorophenol		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4-Dimethylphenol		U		Y	0.068	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4-Dinitrophenol		U		Y	0.21	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4-Dinitrotoluene		U		Y	0.059	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,6-Dinitrotoluene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Chloronaphthalene		U		Y	0.069	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Chlorophenol		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Fluorobiphenyl	81.8			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Fluorophenol	12.4			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Methylnaphthalene		U		Y	0.063	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Methylphenol (O-Cresol)		U		Y	0.091	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Nitroaniline		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Nitrophenol		U		Y	0.097	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	3- And 4- Methylphenol (Total)		U		Y	0.12	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	3,3'-Dichlorobenzidine		U		Y	0.056	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	3-Nitroaniline		U		Y	0.053	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.35	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Bromophenyl Phenyl Ether		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Chloro-3-Methylphenol		U		Y	0.079	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Chloroaniline		U		Y	0.084	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Nitroaniline		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Nitrophenol		U		Y	0.08	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	Acenaphthene		U		Y	0.055	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Acenaphthene-D10	1.4			Y			4

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LB-15-COMP 1-0-4	17B0503-02RE1	Acenaphthylene		U		Y	0.061	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Acetophenone		U		Y	0.072	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Aniline		U		Y	0.1	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Anthracene		U		Y	0.053	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzidine		U	UJ	Y	0.46	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(A)Anthracene	0.32			Y	0.048	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(A)Pyrene	0.31			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(B)Fluoranthene	0.54			Y	0.052	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(G,H,I)Perylene	0.25			Y	0.081	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(K)Fluoranthene	0.2			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzoic Acid		U		Y	0.19	1.1	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzyl Butyl Phthalate		U		Y	0.087	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.07	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.072	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.079	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.14	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Carbazole		U		Y	0.047	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Chrysene	0.43			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Chrysene-D12	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	Dibenz(A,H)Anthracene		U		Y	0.11	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Dibenzofuran		U		Y	0.063	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Diethyl Phthalate		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Dimethyl Phthalate		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Di-N-Butyl Phthalate		U		Y	0.08	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Di-N-Octylphthalate		U		Y	0.19	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Fluoranthene	0.69			Y	0.06	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Fluorene		U		Y	0.059	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Hexachlorobenzene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Hexachlorobutadiene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Hexachlorocyclopentadiene		U		Y	0.077	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Hexachloroethane		U		Y	0.073	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Indeno(1,2,3-C,D)Pyrene	0.27			Y	0.13	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Isophorone		U		Y	0.071	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Naphthalene		U		Y	0.094	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Naphthalene-D8	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	Nitrobenzene		U		Y	0.069	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Nitrobenzene-D5	73.1			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	N-Nitrosodimethylamine		U		Y	0.23	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	N-Nitrosodi-N-Propylamine		U		Y	0.075	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	N-Nitrosodiphenylamine		U		Y	0.075	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Pentachloronitrobenzene		U		Y	0.087	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Pentachlorophenol		U		Y	0.088	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Perylene-D12	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	Phenanthrene	0.52			Y	0.095	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Phenanthrene-D10	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	Phenol		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Phenol-D6	50.1			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Pyrene	0.55			Y	0.06	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Pyridine		U		Y	0.059	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Terphenyl-D14	79.6			Y		0.37	4
LB-14-COMP 2-4-10.5	17B0503-03	1,2,4,5-Tetrachlorobenzene		U		Y	0.078	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,2,4-Trichlorobenzene		U		Y	0.078	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,2-Dichlorobenzene		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,2-Diphenylhydrazine		U		Y	0.07	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,3-Dichlorobenzene		U		Y	0.074	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,4-Dichlorobenzene		U		Y	0.078	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	1-Methylnaphthalene	0.36			Y	0.083	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4,5-Trichlorophenol		U	UJ	Y	0.098	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4,6-Tribromophenol	15.8			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4,6-Trichlorophenol		U	UJ	Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4-Dichlorophenol		U		Y	0.074	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4-Dimethylphenol		U		Y	0.08	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4-Dinitrophenol		U	UJ	Y	0.25	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4-Dinitrotoluene		U		Y	0.07	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,6-Dinitrotoluene		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Chloronaphthalene		U		Y	0.082	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Chlorophenol		U		Y	0.078	0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-COMP 2-4-10.5	17B0503-03	2-Fluorobiphenyl	63.9			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Fluorophenol	44.5			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Methylnaphthalene	0.51			Y	0.075	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Nitroaniline		U		Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Nitrophenol		U		Y	0.11	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	3,3'-Dichlorobenzidine		U		Y	0.066	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	3-Nitroaniline		U		Y	0.062	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Bromophenyl Phenyl Ether		U		Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Chloro-3-Methylphenol		U		Y	0.093	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Chloroaniline		U	UJ	Y	0.099	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Chlorophenyl Phenyl Ether		U		Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Nitroaniline		U		Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Nitrophenol		U	UJ	Y	0.094	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	Acenaphthene		U		Y	0.065	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Acenaphthene-D10	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Acenaphthylene		U		Y	0.073	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Acetophenone		U		Y	0.085	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Aniline		U		Y	0.12	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Anthracene		U		Y	0.062	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzidine		U	UJ	Y	0.54	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(A)Anthracene	0.44			Y	0.057	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(A)Pyrene	0.42			Y	0.068	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(B)Fluoranthene	0.66			Y	0.061	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(G,H,I)Perylene	0.45			Y	0.096	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(K)Fluoranthene		U		Y	0.068	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzoic Acid		U	UJ	Y	0.23	1.3	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Bis(2-Chloroethoxy) Methane		U		Y	0.083	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.085	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Bis(2-Chloroisopropyl) Ether		U		Y	0.093	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Carbazole		U		Y	0.056	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Chrysene	0.49			Y	0.068	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Chrysene-D12	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Dibenz(A,H)Anthracene		U		Y	0.13	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Dibenzofuran		U		Y	0.075	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Diethyl Phthalate		U		Y	0.078	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Dimethyl Phthalate		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Di-N-Butyl Phthalate		U		Y	0.094	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Di-N-Octylphthalate		U		Y	0.23	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Fluoranthene	1.2			Y	0.071	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Fluorene		U		Y	0.07	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Hexachlorobenzene		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Hexachlorobutadiene		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Hexachlorocyclopentadiene		U		Y	0.092	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Hexachloroethane		U		Y	0.087	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Indeno(1,2,3-C,D)Pyrene	0.38			Y	0.16	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Isophorone		U		Y	0.084	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Naphthalene	0.43			Y	0.11	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Naphthalene-D8	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Nitrobenzene		U		Y	0.082	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Nitrobenzene-D5	35			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	N-Nitrosodi-N-Propylamine		U		Y	0.089	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	N-Nitrosodiphenylamine		U		Y	0.089	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Pentachloronitrobenzene		U		Y	0.1	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Pentachlorophenol		U		Y	0.1	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Perylene-D12	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Phenanthrene	0.9			Y	0.11	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Phenanthrene-D10	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Phenol		U		Y	0.074	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Phenol-D6	58.2			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Pyrene	1.3			Y	0.071	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Pyridine		U		Y	0.07	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Terphenyl-D14	81.1			Y		0.43	4

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LB-15-COMP 2-4-8.5	17B0503-04	1,2,4,5-Tetrachlorobenzene		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,2,4-Trichlorobenzene		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,2-Dichlorobenzene		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,2-Diphenylhydrazine		U		Y	0.07	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,3-Dichlorobenzene		U		Y	0.074	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,4-Dichlorobenzene		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	1-Methylnaphthalene		U		Y	0.083	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,5-Trichlorophenol		U	UJ	Y	0.099	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,6-Tribromophenol	12.6			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,6-Trichlorophenol		U	UJ	Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4-Dichlorophenol		U		Y	0.074	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4-Dimethylphenol		U		Y	0.081	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4-Dinitrophenol		U	UJ	Y	0.25	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4-Dinitrotoluene		U		Y	0.07	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,6-Dinitrotoluene		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Chloronaphthalene		U		Y	0.082	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Chlorophenol		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Fluorobiphenyl	76.1			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Fluorophenol	49.7			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Methylnaphthalene		U		Y	0.076	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Methylphenol (O-Cresol)		U		Y	0.11	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Nitroaniline		U		Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Nitrophenol		U		Y	0.12	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	3- And 4- Methylphenol (Total)		U		Y	0.14	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	3,3'-Dichlorobenzidine		U		Y	0.067	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	3-Nitroaniline		U		Y	0.063	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Bromophenyl Phenyl Ether		U		Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Chloro-3-Methylphenol		U		Y	0.093	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Chloroaniline		U	UJ	Y	0.1	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Chlorophenyl Phenyl Ether		U		Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Nitroaniline		U		Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Nitrophenol		U	UJ	Y	0.095	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	Acenaphthene		U		Y	0.065	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Acenaphthene-D10	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Acenaphthylene		U		Y	0.073	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Acetophenone		U		Y	0.086	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Aniline		U		Y	0.12	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Anthracene		U		Y	0.063	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzidine		U	UJ	Y	0.54	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(A)Anthracene	0.44			Y	0.058	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(A)Pyrene	0.51			Y	0.068	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(B)Fluoranthene	0.62			Y	0.061	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(G,H,I)Perylene	0.42			Y	0.096	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(K)Fluoranthene	0.25			Y	0.068	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzoic Acid		U	UJ	Y	0.23	1.3	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzyl Butyl Phthalate		U		Y	0.1	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Bis(2-Chloroethoxy) Methane		U		Y	0.083	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.086	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Bis(2-Chloroisopropyl) Ether		U		Y	0.093	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Carbazole		U		Y	0.056	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Chrysene	0.48			Y	0.068	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Chrysene-D12	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Dibenz(A,H)Anthracene		U		Y	0.13	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Dibenzofuran		U		Y	0.076	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Diethyl Phthalate		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Dimethyl Phthalate		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Di-N-Butyl Phthalate		U		Y	0.095	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Di-N-Octylphthalate		U		Y	0.23	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Fluoranthene	0.89			Y	0.072	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Fluorene		U		Y	0.07	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachlorobenzene		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachlorobutadiene		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachlorocyclopentadiene		U		Y	0.092	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachloroethane		U		Y	0.087	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Indeno(1,2,3-C,D)Pyrene	0.39			Y	0.16	0.22	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-15-COMP 2-4-8.5	17B0503-04	Isophorone		U		Y	0.085	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Naphthalene		U		Y	0.11	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Naphthalene-D8	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Nitrobenzene		U		Y	0.082	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Nitrobenzene-D5	68.5			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	N-Nitrosodimethylamine		U		Y	0.28	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	N-Nitrosodi-N-Propylamine		U		Y	0.09	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	N-Nitrosodiphenylamine		U		Y	0.09	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Pentachloronitrobenzene		U		Y	0.1	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Pentachlorophenol		U		Y	0.1	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Perylene-D12	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Phenanthrene	0.58			Y	0.11	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Phenanthrene-D10	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Phenol		U		Y	0.074	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Phenol-D6	76.2			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Pyrene	0.83			Y	0.072	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Pyridine		U		Y	0.07	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Terphenyl-D14	75.8			Y		0.44	4
LB-18-COMP 1-0-4	17B0503-05	1,2,4,5-Tetrachlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,2,4-Trichlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,2-Dichlorobenzene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,2-Diphenylhydrazine		U		Y	0.06	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,3-Dichlorobenzene		U		Y	0.063	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,4-Dichlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,4-Dichlorobenzene-D4	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	1-Methylnaphthalene		U		Y	0.07	0.18	4
LB-18-COMP 1-0-4	17B0503-05	2,4,5-Trichlorophenol		U	UJ	Y	0.083	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4,6-Tribromophenol	3.82			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4,6-Trichlorophenol		U	UJ	Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4-Dichlorophenol		U		Y	0.063	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4-Dimethylphenol		U		Y	0.068	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4-Dinitrophenol		U	UJ	Y	0.21	0.72	4
LB-18-COMP 1-0-4	17B0503-05	2,4-Dinitrotoluene		U		Y	0.06	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,6-Dinitrotoluene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Chloronaphthalene		U		Y	0.069	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Chlorophenol		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Fluorobiphenyl	85.1			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Fluorophenol	28.2			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Methylnaphthalene		U		Y	0.064	0.18	4
LB-18-COMP 1-0-4	17B0503-05	2-Methylphenol (O-Cresol)		U		Y	0.092	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Nitroaniline		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Nitrophenol		U		Y	0.098	0.37	4
LB-18-COMP 1-0-4	17B0503-05	3- And 4- Methylphenol (Total)		U		Y	0.12	0.37	4
LB-18-COMP 1-0-4	17B0503-05	3,3'-Dichlorobenzidine		U		Y	0.056	0.18	4
LB-18-COMP 1-0-4	17B0503-05	3-Nitroaniline		U		Y	0.053	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4,6-Dinitro-2-Methylphenol		U		Y	0.35	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4-Bromophenyl Phenyl Ether		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4-Chloro-3-Methylphenol		U		Y	0.079	0.72	4
LB-18-COMP 1-0-4	17B0503-05	4-Chloroaniline		U	UJ	Y	0.085	0.72	4
LB-18-COMP 1-0-4	17B0503-05	4-Chlorophenyl Phenyl Ether		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4-Nitroaniline		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4-Nitrophenol		U	UJ	Y	0.08	0.72	4
LB-18-COMP 1-0-4	17B0503-05	Acenaphthene	0.24			Y	0.055	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Acenaphthene-D10	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Acenaphthylene		U		Y	0.062	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Acetophenone		U		Y	0.073	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Aniline		U		Y	0.1	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Anthracene	0.31			Y	0.053	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzidine		U	UJ	Y	0.46	0.72	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(A)Anthracene	0.45			Y	0.049	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(A)Pyrene	0.3			Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(B)Fluoranthene	0.42			Y	0.052	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(G,H,I)Perylene		U		Y	0.081	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(K)Fluoranthene		U		Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzoic Acid		U	UJ	Y	0.2	1.1	4
LB-18-COMP 1-0-4	17B0503-05	Benzyl Butyl Phthalate		U		Y	0.088	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Bis(2-Chloroethoxy) Methane		U		Y	0.07	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.073	0.37	4

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LB-18-COMP 1-0-4	17B0503-05	Bis(2-Chloroisopropyl) Ether		U		Y	0.079	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Bis(2-Ethylhexyl) Phthalate		U		Y	0.14	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Carbazole		U		Y	0.048	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Chrysene	0.4			Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Chrysene-D12	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Dibenz(A,H)Anthracene		U		Y	0.11	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Dibenzofuran		U		Y	0.064	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Diethyl Phthalate		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Dimethyl Phthalate		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Di-N-Butyl Phthalate		U		Y	0.08	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Di-N-Octylphthalate		U		Y	0.19	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Fluoranthene	1.1			Y	0.061	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Fluorene		U		Y	0.06	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Hexachlorobenzene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Hexachlorobutadiene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Hexachlorocyclopentadiene		U		Y	0.078	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Hexachloroethane		U		Y	0.074	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Indeno(1,2,3-C,D)Pyrene	0.2			Y	0.13	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Isophorone		U		Y	0.072	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Naphthalene	0.3			Y	0.094	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Naphthalene-D8	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Nitrobenzene		U		Y	0.069	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Nitrobenzene-D5	68			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	N-Nitrosodimethylamine		U		Y	0.23	0.37	4
LB-18-COMP 1-0-4	17B0503-05	N-Nitrosodi-N-Propylamine		U		Y	0.076	0.37	4
LB-18-COMP 1-0-4	17B0503-05	N-Nitrosodiphenylamine		U		Y	0.076	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Pentachloronitrobenzene		U		Y	0.088	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Pentachlorophenol		U		Y	0.089	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Perylene-D12	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Phenanthrene	1.4			Y	0.095	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Phenanthrene-D10	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Phenol		U		Y	0.063	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Phenol-D6	64.3			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	Pyrene	0.88			Y	0.061	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Pyridine		U		Y	0.06	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Terphenyl-D14	85.1			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,2,4-Trichlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,2-Dichlorobenzene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,2-Diphenylhydrazine		U		Y	0.059	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,3-Dichlorobenzene		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,4-Dichlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,4-Dichlorobenzene-D4	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	1-Methylnaphthalene		U		Y	0.07	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4,5-Trichlorophenol		U		Y	0.083	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4,6-Tribromophenol	28.3			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4,6-Trichlorophenol		U		Y	0.061	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4-Dichlorophenol		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4-Dimethylphenol		U		Y	0.068	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4-Dinitrophenol		U		Y	0.21	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4-Dinitrotoluene		U		Y	0.059	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,6-Dinitrotoluene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Chloronaphthalene		U		Y	0.069	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Chlorophenol		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Fluorobiphenyl	65.5			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Fluorophenol	28.1			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Methylnaphthalene		U		Y	0.063	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Methylphenol (O-Cresol)		U		Y	0.091	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Nitroaniline		U		Y	0.061	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Nitrophenol		U		Y	0.097	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	3- And 4- Methylphenol (Total)		U		Y	0.12	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	3,3'-Dichlorobenzidine		U		Y	0.056	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	3-Nitroaniline		U		Y	0.053	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.35	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Bromophenyl Phenyl Ether		U		Y	0.061	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Chloro-3-Methylphenol		U		Y	0.079	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Chloroaniline		U		Y	0.084	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.061	0.37	4

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LB-18-COMP 1-0-4	17B0503-05RE1	4-Nitroaniline		U		Y	0.061	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Nitrophenol		U		Y	0.08	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	Acenaphthene	0.2			Y	0.055	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Acenaphthene-D10	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Acenaphthylene		U		Y	0.061	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Acetophenone		U		Y	0.072	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Aniline		U		Y	0.1	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Anthracene	0.25			Y	0.053	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzidine		U	UJ	Y	0.46	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(A)Anthracene	0.36			Y	0.048	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(A)Pyrene	0.23			Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(B)Fluoranthene	0.32			Y	0.052	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(G,H,I)Perylene		U		Y	0.081	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(K)Fluoranthene		U		Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzoic Acid		U		Y	0.19	1.1	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzyl Butyl Phthalate		U		Y	0.087	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.07	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.072	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.079	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.14	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Carbazole		U		Y	0.047	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Chrysene	0.32			Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Chrysene-D12	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Dibenz(A,H)Anthracene		U		Y	0.11	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Dibenzofuran		U		Y	0.063	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Diethyl Phthalate		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Dimethyl Phthalate		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Di-N-Butyl Phthalate		U		Y	0.08	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Di-N-Octylphthalate		U		Y	0.19	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Fluoranthene	0.88			Y	0.06	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Fluorene		U		Y	0.059	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Hexachlorobenzene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Hexachlorobutadiene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Hexachlorocyclopentadiene		U		Y	0.077	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Hexachloroethane		U		Y	0.073	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.13	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Isophorone		U		Y	0.071	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Naphthalene	0.26			Y	0.094	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Naphthalene-D8	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Nitrobenzene		U		Y	0.069	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Nitrobenzene-D5	52.1			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	N-Nitrosodimethylamine		U		Y	0.23	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	N-Nitrosodi-N-Propylamine		U		Y	0.075	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	N-Nitrosodiphenylamine		U		Y	0.075	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Pentachloronitrobenzene		U		Y	0.087	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Pentachlorophenol		U		Y	0.088	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Perylene-D12	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Phenanthrene	1.1			Y	0.095	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Phenanthrene-D10	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Phenol		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Phenol-D6	50.4			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Pyrene	0.66			Y	0.06	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Pyridine		U		Y	0.059	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Terphenyl-D14	66.1			Y		0.37	4
LB-26-COMP 1-0-4	17B0503-06	1,2,4,5-Tetrachlorobenzene		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,2,4-Trichlorobenzene		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,2-Dichlorobenzene		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,2-Diphenylhydrazine		U		Y	0.066	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,3-Dichlorobenzene		U		Y	0.07	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,4-Dichlorobenzene		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	1-Methylnaphthalene	0.4			Y	0.078	0.2	4
LB-26-COMP 1-0-4	17B0503-06	2,4,5-Trichlorophenol		U		Y	0.092	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4,6-Tribromophenol	54.3			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4,6-Trichlorophenol		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4-Dichlorophenol		U		Y	0.07	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4-Dimethylphenol		U		Y	0.076	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4-Dinitrophenol		U		Y	0.23	0.79	4

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LB-26-COMP 1-0-4	17B0503-06	2,4-Dinitrotoluene		U		Y	0.066	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,6-Dinitrotoluene		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Chloronaphthalene		U		Y	0.077	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Chlorophenol		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Fluorobiphenyl	55.8			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Fluorophenol	48.6			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Methylnaphthalene	0.51			Y	0.071	0.2	4
LB-26-COMP 1-0-4	17B0503-06	2-Methylphenol (O-Cresol)		U		Y	0.1	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Nitroaniline		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Nitrophenol		U		Y	0.11	0.41	4
LB-26-COMP 1-0-4	17B0503-06	3- And 4- Methylphenol (Total)		U		Y	0.13	0.41	4
LB-26-COMP 1-0-4	17B0503-06	3,3'-Dichlorobenzidine		U		Y	0.062	0.2	4
LB-26-COMP 1-0-4	17B0503-06	3-Nitroaniline		U		Y	0.059	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4,6-Dinitro-2-Methylphenol		U		Y	0.39	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4-Bromophenyl Phenyl Ether		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4-Chloro-3-Methylphenol		U		Y	0.088	0.79	4
LB-26-COMP 1-0-4	17B0503-06	4-Chloroaniline		U	UJ	Y	0.094	0.79	4
LB-26-COMP 1-0-4	17B0503-06	4-Chlorophenyl Phenyl Ether		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4-Nitroaniline		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4-Nitrophenol		U		Y	0.089	0.79	4
LB-26-COMP 1-0-4	17B0503-06	Acenaphthene		U		Y	0.061	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Acenaphthene-D10	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Acenaphthylene		U		Y	0.068	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Acetophenone		U		Y	0.08	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Aniline		U		Y	0.12	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Anthracene	0.22			Y	0.059	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzenzidine		U	UJ	Y	0.51	0.79	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(A)Anthracene	0.7			Y	0.054	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(A)Pyrene	0.69			Y	0.064	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(B)Fluoranthene	0.96			Y	0.058	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(G,H,I)Perylene	0.75			Y	0.09	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(K)Fluoranthene	0.33			Y	0.064	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzyl Butyl Phthalate		U		Y	0.097	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Bis(2-Chloroethoxy) Methane		U		Y	0.078	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.08	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Bis(2-Chloroisopropyl) Ether		U		Y	0.088	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Carbazole		U		Y	0.053	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Chrysene	0.76			Y	0.064	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Chrysene-D12	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Dibenz(A,H)Anthracene		U		Y	0.12	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Dibenzofuran		U		Y	0.071	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Diethyl Phthalate		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Dimethyl Phthalate		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Di-N-Butyl Phthalate		U		Y	0.089	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Di-N-Octylphthalate		U		Y	0.21	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Fluoranthene	1.5			Y	0.067	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Fluorene		U		Y	0.066	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Hexachlorobenzene		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Hexachlorobutadiene		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Hexachlorocyclopentadiene		U		Y	0.086	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Hexachloroethane		U		Y	0.082	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Indeno(1,2,3-C,D)Pyrene	0.67			Y	0.15	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Isophorone		U		Y	0.079	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Naphthalene	0.41			Y	0.1	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Naphthalene-D8	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Nitrobenzene		U		Y	0.077	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Nitrobenzene-D5	49.2			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	N-Nitrosodimethylamine		U		Y	0.26	0.41	4
LB-26-COMP 1-0-4	17B0503-06	N-Nitrosodi-N-Propylamine		U		Y	0.084	0.41	4
LB-26-COMP 1-0-4	17B0503-06	N-Nitrosodiphenylamine		U		Y	0.084	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Pentachloronitrobenzene		U		Y	0.097	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Pentachlorophenol		U		Y	0.098	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Perylene-D12	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Phenanthrene	1.2			Y	0.11	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Phenanthrene-D10	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Phenol		U		Y	0.07	0.41	4

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LB-26-COMP 1-0-4	17B0503-06	Phenol-D6	50.8			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	Pyrene	1.5			Y	0.067	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Pyridine		U		Y	0.066	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Terphenyl-D14	63.3			Y		0.41	4
LB-26-COMP 2-4-7.8	17B0503-07	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,4-Dichlorobenzene		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	1-Methylnaphthalene		U		Y	0.08	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4,6-Tribromophenol	83.3			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4,6-Trichlorophenol		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4-Dinitrophenol		U		Y	0.24	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Chlorophenol		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Fluorobiphenyl	74.6			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Fluorophenol	68.6			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Methylnaphthalene		U		Y	0.073	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Nitroaniline		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Nitrophenol		U		Y	0.11	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	3-Nitroaniline		U		Y	0.06	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Chloroaniline		U	UJ	Y	0.096	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Nitroaniline		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Nitrophenol		U		Y	0.091	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	Acenaphthene		U		Y	0.063	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Acenaphthene-D10	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Acenaphthylene		U		Y	0.07	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Acetophenone		U		Y	0.083	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Aniline		U		Y	0.12	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Anthracene		U		Y	0.06	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzidine		U	UJ	Y	0.52	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(A)Anthracene	0.23			Y	0.056	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(A)Pyrene		U		Y	0.065	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(B)Fluoranthene	0.28			Y	0.059	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(G,H,I)Perylene		U		Y	0.093	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(K)Fluoranthene		U		Y	0.065	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Carbazole		U		Y	0.054	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Chrysene	0.24			Y	0.065	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Chrysene-D12	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Dibenzofuran		U		Y	0.073	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Fluoranthene	0.48			Y	0.069	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Fluorene		U		Y	0.068	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Hexachlorobenzene		U		Y	0.074	0.42	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-26-COMP 2-4-7.8	17B0503-07	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Hexachloroethane		U		Y	0.084	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Isophorone		U		Y	0.081	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Naphthalene		U		Y	0.11	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Naphthalene-D8	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Nitrobenzene		U		Y	0.079	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Nitrobenzene-D5	54.9			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Pentachlorophenol		U		Y	0.1	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Perylene-D12	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Phenanthrene	0.41			Y	0.11	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Phenanthrene-D10	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Phenol		U		Y	0.072	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Phenol-D6	73.7			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Pyrene	0.47			Y	0.069	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Pyridine		U		Y	0.068	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Terphenyl-D14	80.6			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,2-Diphenylhydrazine		U		Y	0.067	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,3-Dichlorobenzene		U		Y	0.071	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,4-Dichlorobenzene		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	1-Methylnaphthalene	1.9			Y	0.08	0.21	4
LB-27-COMP 1-0-4	17B0503-08	2,4,5-Trichlorophenol		U	UJ	Y	0.094	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4,6-Tribromophenol	55.5			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4,6-Trichlorophenol		U	UJ	Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4-Dichlorophenol		U		Y	0.071	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4-Dimethylphenol		U		Y	0.077	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4-Dinitrophenol		U	UJ	Y	0.24	0.81	4
LB-27-COMP 1-0-4	17B0503-08	2,4-Dinitrotoluene		U		Y	0.067	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Chlorophenol		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Fluorobiphenyl	55.9			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Fluorophenol	48.1			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Methylnaphthalene	2.6			Y	0.072	0.21	4
LB-27-COMP 1-0-4	17B0503-08	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Nitroaniline		U		Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Nitrophenol		U		Y	0.11	0.42	4
LB-27-COMP 1-0-4	17B0503-08	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-27-COMP 1-0-4	17B0503-08	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-27-COMP 1-0-4	17B0503-08	3-Nitroaniline		U		Y	0.06	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-27-COMP 1-0-4	17B0503-08	4-Chloroaniline		U	UJ	Y	0.096	0.81	4
LB-27-COMP 1-0-4	17B0503-08	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4-Nitroaniline		U		Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4-Nitrophenol		U	UJ	Y	0.091	0.81	4
LB-27-COMP 1-0-4	17B0503-08	Acenaphthene	0.55			Y	0.063	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Acenaphthene-D10	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Acenaphthylene		U		Y	0.07	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Acetophenone		U		Y	0.082	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Aniline		U		Y	0.12	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Anthracene	0.73			Y	0.06	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzidine		U	UJ	Y	0.52	0.81	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(A)Anthracene	2.2			Y	0.055	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(A)Pyrene	1.8			Y	0.065	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(B)Fluoranthene	2.4			Y	0.059	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(G,H,I)Perylene	1.8			Y	0.092	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(K)Fluoranthene	0.82			Y	0.065	0.21	4

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LB-27-COMP 1-0-4	17B0503-08	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-27-COMP 1-0-4	17B0503-08	Benzyl Butyl Phthalate		U		Y	0.099	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.082	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Carbazole	0.44			Y	0.054	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Chrysene	2.1			Y	0.065	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Chrysene-D12	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Dibenz(A,H)Anthracene	0.43			Y	0.13	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Dibenzofuran	1.2			Y	0.072	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Fluorene	0.7			Y	0.067	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Hexachlorocyclopentadiene		U		Y	0.088	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Hexachloroethane		U		Y	0.083	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Indeno(1,2,3-C,D)Pyrene	1.8			Y	0.15	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Isophorone		U		Y	0.081	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Naphthalene	1.9			Y	0.11	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Naphthalene-D8	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Nitrobenzene		U		Y	0.079	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Nitrobenzene-D5	46.8			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	N-Nitrosodimethylamine		U		Y	0.26	0.42	4
LB-27-COMP 1-0-4	17B0503-08	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-27-COMP 1-0-4	17B0503-08	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Pentachloronitrobenzene		U		Y	0.099	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Pentachlorophenol		U		Y	0.1	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Perylene-D12	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Phenanthrene-D10	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Phenol		U		Y	0.071	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Phenol-D6	49.8			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	Pyridine		U		Y	0.067	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Terphenyl-D14	69.5			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	2,4,6-Tribromophenol	48.3			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	2-Fluorobiphenyl	55.7			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	2-Fluorophenol	46.7			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	Acenaphthene-D10	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Chrysene-D12	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Fluoranthene	4.8	D		Y	0.27	0.83	4
LB-27-COMP 1-0-4	17B0503-08RE1	Naphthalene-D8	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Nitrobenzene-D5	47.1			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	Perylene-D12	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Phenanthrene	4.7	D		Y	0.43	0.83	4
LB-27-COMP 1-0-4	17B0503-08RE1	Phenanthrene-D10	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Phenol-D6	49.7			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	Pyrene	4.3	D		Y	0.27	0.83	4
LB-27-COMP 1-0-4	17B0503-08RE1	Terphenyl-D14	50.4			Y		1.7	4
LB-27-COMP 2-4-10.3	17B0503-09	1,2,4,5-Tetrachlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,2,4-Trichlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,2-Dichlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,2-Diphenylhydrazine		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,3-Dichlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,4-Dichlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	1-Methylnaphthalene	2.1	D		Y	0.15	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4,5-Trichlorophenol		U		Y	0.18	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4,6-Tribromophenol	15.8			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4,6-Trichlorophenol		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4-Dichlorophenol		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4-Dimethylphenol		U		Y	0.15	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4-Dinitrophenol		U		Y	0.46	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4-Dinitrotoluene		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,6-Dinitrotoluene		U		Y	0.14	0.8	4

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LB-27-COMP 2-4-10.3	17B0503-09	2-Chloronaphthalene		U		Y	0.15	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Chlorophenol		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Fluorobiphenyl	75.8			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Fluorophenol	47.2			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Methylnaphthalene	3	D		Y	0.14	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Methylphenol (O-Cresol)		U		Y	0.2	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Nitroaniline		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Nitrophenol		U		Y	0.21	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	3- And 4- Methylphenol (Total)		U		Y	0.25	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	3,3'-Dichlorobenzidine		U		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	3-Nitroaniline		U		Y	0.12	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4,6-Dinitro-2-Methylphenol		U		Y	0.76	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Bromophenyl Phenyl Ether		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Chloro-3-Methylphenol		U		Y	0.17	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Chloroaniline		U	UJ	Y	0.18	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Chlorophenyl Phenyl Ether		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Nitroaniline		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Nitrophenol		U		Y	0.17	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	Acenaphthene	0.59	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Acenaphthene-D10	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Acenaphthylene		U		Y	0.13	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Acetophenone		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Aniline		U		Y	0.23	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Anthracene	0.95	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzidine		U	UJ	Y	1	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(A)Anthracene	1.6	D		Y	0.11	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(A)Pyrene	1.1	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(B)Fluoranthene	1.4	D		Y	0.11	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(G,H,I)Perylene		U		Y	0.18	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(K)Fluoranthene	0.53	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzoic Acid		U	UJ	Y	0.43	2.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzyl Butyl Phthalate		U		Y	0.19	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Bis(2-Chloroethoxy) Methane		U		Y	0.15	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Bis(2-Chloroisopropyl) Ether		U		Y	0.17	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Bis(2-Ethylhexyl) Phthalate		U		Y	0.31	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Carbazole		U		Y	0.1	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Chrysene	1.4	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Chrysene-D12	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Dibenz(A,H)Anthracene		U		Y	0.24	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Dibenzofuran	1.3	D		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Diethyl Phthalate		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Dimethyl Phthalate		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Di-N-Butyl Phthalate		U		Y	0.17	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Di-N-Octylphthalate		U		Y	0.42	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Fluoranthene	3	D		Y	0.13	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Fluorene	0.86	D		Y	0.13	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Hexachlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Hexachlorobutadiene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Hexachlorocyclopentadiene		U		Y	0.17	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Hexachloroethane		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Indeno(1,2,3-C,D)Pyrene	0.49	D		Y	0.29	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Isophorone		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Naphthalene	2.2	D		Y	0.2	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Naphthalene-D8	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Nitrobenzene		U		Y	0.15	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Nitrobenzene-D5	28.8			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	N-Nitrosodimethylamine		U		Y	0.51	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	N-Nitrosodi-N-Propylamine		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	N-Nitrosodiphenylamine		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Pentachloronitrobenzene		U		Y	0.19	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Pentachlorophenol		U		Y	0.19	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Perylene-D12	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Phenanthrene	4.4	D		Y	0.21	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Phenanthrene-D10	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Phenol		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Phenol-D6	62.5			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Pyrene	2.5	D		Y	0.13	0.4	4

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LB-27-COMP 2-4-10.3	17B0503-09	Pyridine		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Terphenyl-D14	71			Y		0.8	4
LB-28-COMP 1-0-4	17B0503-10	1,2,4,5-Tetrachlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,2,4-Trichlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,2-Dichlorobenzene		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,2-Diphenylhydrazine		U		Y	0.069	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,3-Dichlorobenzene		U		Y	0.073	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,4-Dichlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	1-Methylnaphthalene	0.63			Y	0.082	0.21	4
LB-28-COMP 1-0-4	17B0503-10	2,4,5-Trichlorophenol		U		Y	0.097	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4,6-Tribromophenol	60.7			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4,6-Trichlorophenol		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4-Dichlorophenol		U		Y	0.073	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4-Dimethylphenol		U		Y	0.079	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4-Dinitrophenol		U		Y	0.24	0.83	4
LB-28-COMP 1-0-4	17B0503-10	2,4-Dinitrotoluene		U		Y	0.069	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,6-Dinitrotoluene		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Chloronaphthalene		U		Y	0.08	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Chlorophenol		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Fluorobiphenyl	67.6			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Fluorophenol	50.1			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Methylnaphthalene	0.75			Y	0.074	0.21	4
LB-28-COMP 1-0-4	17B0503-10	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Nitroaniline		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Nitrophenol		U		Y	0.11	0.43	4
LB-28-COMP 1-0-4	17B0503-10	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-28-COMP 1-0-4	17B0503-10	3,3'-Dichlorobenzidine		U		Y	0.065	0.21	4
LB-28-COMP 1-0-4	17B0503-10	3-Nitroaniline		U		Y	0.062	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4-Bromophenyl Phenyl Ether		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4-Chloro-3-Methylphenol		U		Y	0.092	0.83	4
LB-28-COMP 1-0-4	17B0503-10	4-Chloroaniline		U	UJ	Y	0.098	0.83	4
LB-28-COMP 1-0-4	17B0503-10	4-Chlorophenyl Phenyl Ether		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4-Nitroaniline		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4-Nitrophenol		U		Y	0.093	0.83	4
LB-28-COMP 1-0-4	17B0503-10	Acenaphthene	5			Y	0.064	0.21	4
LB-28-COMP 1-0-4	17B0503-10	Acenaphthene-D10	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Acenaphthylene	0.35			Y	0.072	0.21	4
LB-28-COMP 1-0-4	17B0503-10	Acetophenone		U		Y	0.084	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Aniline		U		Y	0.12	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Benzidine		U	UJ	Y	0.53	0.83	4
LB-28-COMP 1-0-4	17B0503-10	Benzoic Acid		U	UJ	Y	0.23	1.3	4
LB-28-COMP 1-0-4	17B0503-10	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Bis(2-Chloroethoxy) Methane		U		Y	0.082	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.084	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Bis(2-Chloroisopropyl) Ether		U		Y	0.092	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Chrysene-D12	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Dibenzofuran	2.1			Y	0.074	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Diethyl Phthalate		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Dimethyl Phthalate		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Di-N-Butyl Phthalate		U		Y	0.093	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Di-N-Octylphthalate		U		Y	0.22	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Fluorene	3.6			Y	0.069	0.21	4
LB-28-COMP 1-0-4	17B0503-10	Hexachlorobenzene		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Hexachlorobutadiene		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Hexachlorocyclopentadiene		U		Y	0.09	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Hexachloroethane		U		Y	0.085	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Isophorone		U		Y	0.083	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Naphthalene	1.7			Y	0.11	0.21	4
LB-28-COMP 1-0-4	17B0503-10	Naphthalene-D8	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Nitrobenzene		U		Y	0.08	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Nitrobenzene-D5	61			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-28-COMP 1-0-4	17B0503-10	N-Nitrosodi-N-Propylamine		U		Y	0.088	0.43	4
LB-28-COMP 1-0-4	17B0503-10	N-Nitrosodiphenylamine		U		Y	0.088	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Pentachloronitrobenzene		U		Y	0.1	0.43	4

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LB-28-COMP 1-0-4	17B0503-10	Pentachlorophenol		U		Y	0.1	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Perylene-D12	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Phenanthrene-D10	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Phenol		U		Y	0.073	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Phenol-D6	56.6			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	Pyridine		U		Y	0.069	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Terphenyl-D14	76.6			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10RE1	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	2,4,6-Tribromophenol		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	2-Fluorobiphenyl		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	2-Fluorophenol		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	Acenaphthene-D10	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Anthracene	8.7	D		Y	1.2	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(A)Anthracene	30	D		Y	1.1	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(A)Pyrene	26	D		Y	1.3	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(B)Fluoranthene	33	D		Y	1.2	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(G,H,I)Perylene	12	D		Y	1.9	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(K)Fluoranthene	13	D		Y	1.3	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Carbazole	5.3	D		Y	1.1	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Chrysene	29	D		Y	1.3	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Chrysene-D12	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Fluoranthene	55	D		Y	1.4	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Indeno(1,2,3-C,D)Pyrene	15	D		Y	3.1	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Naphthalene-D8	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Nitrobenzene-D5		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	Perylene-D12	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Phenanthrene	38	D		Y	2.2	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Phenanthrene-D10	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Phenol-D6		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	Pyrene	51	D		Y	1.4	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Terphenyl-D14		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE2	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	2,4,6-Tribromophenol	51			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	2-Fluorobiphenyl	66.8			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	2-Fluorophenol	50.4			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	Acenaphthene-D10	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Chrysene-D12	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Dibenz(A,H)Anthracene	3.9	D		Y	1.3	2.1	4
LB-28-COMP 1-0-4	17B0503-10RE2	Naphthalene-D8	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Nitrobenzene-D5	61.6			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	Perylene-D12	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Phenanthrene-D10	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Phenol-D6	56.6			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	Terphenyl-D14	63.9			Y		4.3	4
LB-08-COMP 1-0-4	17B0503-11	1,2,4,5-Tetrachlorobenzene		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,2,4-Trichlorobenzene		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,4-Dichlorobenzene		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	1-Methylnaphthalene	0.24			Y	0.081	0.21	4
LB-08-COMP 1-0-4	17B0503-11	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4,6-Tribromophenol	17			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4,6-Trichlorophenol		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4-Dinitrophenol		U		Y	0.24	0.82	4
LB-08-COMP 1-0-4	17B0503-11	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Chlorophenol		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Fluorobiphenyl	64			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Fluorophenol	42.4			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Methylnaphthalene	0.27			Y	0.073	0.21	4
LB-08-COMP 1-0-4	17B0503-11	2-Methylphenol (O-Cresol)		U		Y	0.11	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Nitroaniline		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Nitrophenol		U		Y	0.11	0.42	4

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LB-08-COMP 1-0-4	17B0503-11	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-08-COMP 1-0-4	17B0503-11	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-08-COMP 1-0-4	17B0503-11	3-Nitroaniline		U		Y	0.061	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4-Bromophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4-Chloro-3-Methylphenol		U		Y	0.09	0.82	4
LB-08-COMP 1-0-4	17B0503-11	4-Chloroaniline		U	UJ	Y	0.097	0.82	4
LB-08-COMP 1-0-4	17B0503-11	4-Chlorophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4-Nitroaniline		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4-Nitrophenol		U	UJ	Y	0.092	0.82	4
LB-08-COMP 1-0-4	17B0503-11	Acenaphthene		U		Y	0.063	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Acenaphthene-D10	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Acenaphthylene		U		Y	0.071	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Acetophenone		U		Y	0.083	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Aniline		U		Y	0.12	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Anthracene	0.4			Y	0.061	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzidine		U	UJ	Y	0.53	0.82	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(A)Anthracene	1.2			Y	0.056	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(A)Pyrene	0.98			Y	0.066	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(B)Fluoranthene	1.3			Y	0.06	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(G,H,I)Perylene	0.68			Y	0.093	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(K)Fluoranthene	0.45			Y	0.066	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-08-COMP 1-0-4	17B0503-11	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Bis(2-Chloroethoxy) Methane		U		Y	0.081	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Carbazole		U		Y	0.055	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Chrysene	1.3			Y	0.066	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Chrysene-D12	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Dibenzofuran		U		Y	0.073	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Diethyl Phthalate		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Di-N-Butyl Phthalate		U		Y	0.092	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Fluoranthene	2.5			Y	0.069	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Fluorene	0.22			Y	0.068	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Hexachloroethane		U		Y	0.084	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Indeno(1,2,3-C,D)Pyrene	0.76			Y	0.15	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Isophorone		U		Y	0.082	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Naphthalene	0.26			Y	0.11	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Naphthalene-D8	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Nitrobenzene		U		Y	0.079	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Nitrobenzene-D5	57.9			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-08-COMP 1-0-4	17B0503-11	N-Nitrosodi-N-Propylamine		U		Y	0.087	0.42	4
LB-08-COMP 1-0-4	17B0503-11	N-Nitrosodiphenylamine		U		Y	0.087	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Pentachlorophenol		U		Y	0.1	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Perylene-D12	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Phenanthrene	2			Y	0.11	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Phenanthrene-D10	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Phenol		U		Y	0.072	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Phenol-D6	54.1			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	Pyrene	2.4			Y	0.069	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Pyridine		U		Y	0.068	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Terphenyl-D14	65.9			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,4-Dichlorobenzene		U		Y	0.075	0.42	4

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LB-08-COMP 2-4-10.2	17B0503-12	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	1-Methylnaphthalene		U		Y	0.08	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,6-Tribromophenol	47.7			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,6-Trichlorophenol		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4-Dinitrophenol		U		Y	0.24	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Chlorophenol		U		Y	0.075	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Fluorobiphenyl	53			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Fluorophenol	45.7			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Methylnaphthalene		U		Y	0.073	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Nitroaniline		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Nitrophenol		U		Y	0.11	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	3-Nitroaniline		U		Y	0.06	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Chloroaniline		U	UJ	Y	0.096	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Nitroaniline		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Nitrophenol		U		Y	0.091	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	Acenaphthene		U		Y	0.063	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Acenaphthene-D10	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Acenaphthylene		U		Y	0.07	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Acetophenone		U		Y	0.083	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Aniline		U		Y	0.12	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Anthracene		U		Y	0.06	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzidine		U	UJ	Y	0.52	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(A)Anthracene		U		Y	0.055	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(A)Pyrene		U		Y	0.065	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(B)Fluoranthene	0.22			Y	0.059	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(G,H,I)Perylene		U		Y	0.092	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(K)Fluoranthene		U		Y	0.065	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Carbazole		U		Y	0.054	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Chrysene	0.25			Y	0.065	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Chrysene-D12	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Dibenzofuran		U		Y	0.073	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Fluoranthene	0.43			Y	0.069	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Fluorene		U		Y	0.068	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachloroethane		U		Y	0.084	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Isophorone		U		Y	0.081	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Naphthalene		U		Y	0.11	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Naphthalene-D8	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Nitrobenzene		U		Y	0.079	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Nitrobenzene-D5	45.6			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	N-Nitrosodimethylamine		U		Y	0.27	0.42	4

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LB-08-COMP 2-4-10.2	17B0503-12	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Pentachlorophenol		U		Y	0.1	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Perylene-D12	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Phenanthrene	0.44			Y	0.11	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Phenanthrene-D10	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Phenol		U		Y	0.072	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Phenol-D6	47.2			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Pyrene	0.4			Y	0.069	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Pyridine		U		Y	0.068	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Terphenyl-D14	54.5			Y		0.42	4
LB-09-COMP 1-0-4	17B0503-13	1,2,4,5-Tetrachlorobenzene		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,2,4-Trichlorobenzene		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,2-Dichlorobenzene		U		Y	0.076	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,2-Diphenylhydrazine		U		Y	0.07	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,3-Dichlorobenzene		U		Y	0.074	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,4-Dichlorobenzene		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	1-Methylnaphthalene	3.1			Y	0.083	0.22	4
LB-09-COMP 1-0-4	17B0503-13	2,4,5-Trichlorophenol		U	UJ	Y	0.098	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4,6-Tribromophenol	13			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4,6-Trichlorophenol		U	UJ	Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4-Dichlorophenol		U		Y	0.074	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4-Dimethylphenol		U		Y	0.08	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4-Dinitrophenol		U	UJ	Y	0.25	0.84	4
LB-09-COMP 1-0-4	17B0503-13	2,4-Dinitrotoluene		U		Y	0.07	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,6-Dinitrotoluene		U		Y	0.076	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Chloronaphthalene		U		Y	0.082	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Chlorophenol		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Fluorobiphenyl	56.4			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Fluorophenol	42.5			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Methylnaphthalene	4.5			Y	0.075	0.22	4
LB-09-COMP 1-0-4	17B0503-13	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Nitroaniline		U		Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Nitrophenol		U		Y	0.11	0.43	4
LB-09-COMP 1-0-4	17B0503-13	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-09-COMP 1-0-4	17B0503-13	3,3'-Dichlorobenzidine		U		Y	0.066	0.22	4
LB-09-COMP 1-0-4	17B0503-13	3-Nitroaniline		U		Y	0.062	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4-Bromophenyl Phenyl Ether		U		Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4-Chloro-3-Methylphenol		U		Y	0.093	0.84	4
LB-09-COMP 1-0-4	17B0503-13	4-Chloroaniline		U	UJ	Y	0.099	0.84	4
LB-09-COMP 1-0-4	17B0503-13	4-Chlorophenyl Phenyl Ether		U		Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4-Nitroaniline		U		Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4-Nitrophenol		U	UJ	Y	0.094	0.84	4
LB-09-COMP 1-0-4	17B0503-13	Acenaphthene	1.9			Y	0.065	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Acenaphthene-D10	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Acenaphthylene		U		Y	0.073	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Acetophenone		U		Y	0.085	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Aniline		U		Y	0.12	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Anthracene	2.7			Y	0.062	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Benzidine		U	UJ	Y	0.54	0.84	4
LB-09-COMP 1-0-4	17B0503-13	Benzo(A)Pyrene	4.6			Y	0.068	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Benzo(G,H,I)Perylene	3.6			Y	0.096	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Benzo(K)Fluoranthene	2.1			Y	0.068	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Benzoic Acid		U	UJ	Y	0.23	1.3	4
LB-09-COMP 1-0-4	17B0503-13	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Bis(2-Chloroethoxy) Methane		U		Y	0.083	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.085	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Bis(2-Chloroisopropyl) Ether		U		Y	0.093	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Carbazole	1.5			Y	0.056	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Chrysene-D12	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Dibenz(A,H)Anthracene	0.96			Y	0.13	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Dibenzofuran	1.3			Y	0.075	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Diethyl Phthalate		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Dimethyl Phthalate		U		Y	0.076	0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-09-COMP 1-0-4	17B0503-13	Di-N-Butyl Phthalate		U		Y	0.094	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Di-N-Octylphthalate		U		Y	0.23	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Fluorene	2.7			Y	0.07	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Hexachlorobenzene		U		Y	0.076	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Hexachlorobutadiene		U		Y	0.076	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Hexachlorocyclopentadiene		U		Y	0.092	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Hexachloroethane		U		Y	0.087	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Indeno(1,2,3-C,D)Pyrene	4.2			Y	0.16	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Isophorone		U		Y	0.084	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Naphthalene	1.1			Y	0.11	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Naphthalene-D8	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Nitrobenzene		U		Y	0.082	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Nitrobenzene-D5	35.4			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-09-COMP 1-0-4	17B0503-13	N-Nitrosodi-N-Propylamine		U		Y	0.089	0.43	4
LB-09-COMP 1-0-4	17B0503-13	N-Nitrosodiphenylamine		U		Y	0.089	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Pentachloronitrobenzene		U		Y	0.1	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Pentachlorophenol		U		Y	0.1	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Perylene-D12	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Phenanthrene-D10	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Phenol		U		Y	0.074	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Phenol-D6	52.2			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	Pyridine		U		Y	0.07	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Terphenyl-D14	82.5			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13RE1	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	2,4,6-Tribromophenol	9.92			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	2-Fluorobiphenyl	56.2			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	2-Fluorophenol	38.7			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	Acenaphthene-D10	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Benzo(A)Anthracene	5.1	D		Y	0.29	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Benzo(B)Fluoranthene	5.8	D		Y	0.31	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Chrysene	5.5	D		Y	0.34	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Chrysene-D12	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Fluoranthene	13	D		Y	0.36	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Naphthalene-D8	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Nitrobenzene-D5	37.5			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	Perylene-D12	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Phenanthrene	14	D		Y	0.56	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Phenanthrene-D10	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Phenol-D6	49.1			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	Pyrene	10	D		Y	0.36	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Terphenyl-D14	50.8			Y		2.2	4
LB-09-COMP 2-4-10.7	17B0503-14	1,2,4,5-Tetrachlorobenzene		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,2,4-Trichlorobenzene		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,2-Dichlorobenzene		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,2-Diphenylhydrazine		U		Y	0.072	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,3-Dichlorobenzene		U		Y	0.076	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,4-Dichlorobenzene		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	1-Methylnaphthalene	0.97			Y	0.085	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4,5-Trichlorophenol		U	UJ	Y	0.1	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4,6-Tribromophenol	19.3			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4,6-Trichlorophenol		U	UJ	Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4-Dichlorophenol		U		Y	0.076	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4-Dimethylphenol		U		Y	0.082	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4-Dinitrophenol		U	UJ	Y	0.25	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4-Dinitrotoluene		U		Y	0.072	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,6-Dinitrotoluene		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Chloronaphthalene		U		Y	0.084	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Chlorophenol		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Fluorobiphenyl	57.7			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Fluorophenol	49.9			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Methylnaphthalene	1.5			Y	0.077	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Methylphenol (O-Cresol)		U		Y	0.11	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Nitroaniline		U		Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Nitrophenol		U		Y	0.12	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	3- And 4- Methylphenol (Total)		U		Y	0.14	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	3,3'-Dichlorobenzidine		U		Y	0.068	0.22	4

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LB-09-COMP 2-4-10.7	17B0503-14	3-Nitroaniline		U		Y	0.064	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4,6-Dinitro-2-Methylphenol		U		Y	0.42	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Bromophenyl Phenyl Ether		U		Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Chloro-3-Methylphenol		U		Y	0.096	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Chloroaniline		U	UJ	Y	0.1	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Chlorophenyl Phenyl Ether		U		Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Nitroaniline		U		Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Nitrophenol		U	UJ	Y	0.097	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	Acenaphthene	0.68			Y	0.067	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Acenaphthene-D10	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Acenaphthylene		U		Y	0.075	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Acetophenone		U		Y	0.088	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Aniline		U		Y	0.13	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Anthracene	1.1			Y	0.064	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzidine		U	UJ	Y	0.56	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(A)Anthracene	2.2			Y	0.059	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(A)Pyrene	1.5			Y	0.069	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(B)Fluoranthene	2			Y	0.063	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(G,H,I)Perylene	1.1			Y	0.098	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(K)Fluoranthene	0.66			Y	0.069	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzoic Acid		U	UJ	Y	0.24	1.3	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzyl Butyl Phthalate		U		Y	0.11	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Bis(2-Chloroethoxy) Methane		U		Y	0.085	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.088	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Bis(2-Chloroisopropyl) Ether		U		Y	0.096	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Carbazole	0.27			Y	0.058	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Chrysene	2.1			Y	0.069	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Chrysene-D12	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Dibenz(A,H)Anthracene		U		Y	0.14	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Dibenzofuran		U		Y	0.077	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Diethyl Phthalate		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Dimethyl Phthalate		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Di-N-Butyl Phthalate		U		Y	0.097	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Di-N-Octylphthalate		U		Y	0.23	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Fluoranthene	4.6			Y	0.073	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Fluorene	0.88			Y	0.072	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Hexachlorobenzene		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Hexachlorobutadiene		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Hexachlorocyclopentadiene		U		Y	0.094	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Hexachloroethane		U		Y	0.089	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Indeno(1,2,3-C,D)Pyrene	1.2			Y	0.16	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Isophorone		U		Y	0.086	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Naphthalene	0.47			Y	0.11	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Naphthalene-D8	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Nitrobenzene		U		Y	0.084	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Nitrobenzene-D5	49.1			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	N-Nitrosodimethylamine		U		Y	0.28	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	N-Nitrosodi-N-Propylamine		U		Y	0.092	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	N-Nitrosodiphenylamine		U		Y	0.092	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Pentachloronitrobenzene		U		Y	0.11	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Pentachlorophenol		U		Y	0.11	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Perylene-D12	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Phenanthrene	5.2			Y	0.12	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Phenanthrene-D10	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Phenol		U		Y	0.076	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Phenol-D6	57.9			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Pyrene	5.2			Y	0.073	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Pyridine		U		Y	0.072	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Terphenyl-D14	65.1			Y		0.45	4
LB-11-COMP 2-4-9	17B0503-15	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,3-Dichlorobenzene		U		Y	0.071	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,4-Dichlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	1-Methylnaphthalene	0.31			Y	0.08	0.21	4

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LB-11-COMP 2-4-9	17B0503-15	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4,6-Tribromophenol	65			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4,6-Trichlorophenol		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4-Dichlorophenol		U		Y	0.071	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4-Dimethylphenol		U		Y	0.077	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4-Dinitrophenol		U		Y	0.24	0.81	4
LB-11-COMP 2-4-9	17B0503-15	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Chlorophenol		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Fluorobiphenyl	66.8			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Fluorophenol	55.2			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Methylnaphthalene	0.57			Y	0.072	0.21	4
LB-11-COMP 2-4-9	17B0503-15	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Nitroaniline		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Nitrophenol		U		Y	0.11	0.42	4
LB-11-COMP 2-4-9	17B0503-15	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-11-COMP 2-4-9	17B0503-15	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-11-COMP 2-4-9	17B0503-15	3-Nitroaniline		U		Y	0.06	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-11-COMP 2-4-9	17B0503-15	4-Chloroaniline		U	UJ	Y	0.096	0.81	4
LB-11-COMP 2-4-9	17B0503-15	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4-Nitroaniline		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4-Nitrophenol		U		Y	0.091	0.81	4
LB-11-COMP 2-4-9	17B0503-15	Acenaphthene	0.4			Y	0.063	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Acenaphthene-D10	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Acenaphthylene		U		Y	0.07	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Acetophenone		U		Y	0.082	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Aniline		U		Y	0.12	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Anthracene	0.65			Y	0.06	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzidine		U	UJ	Y	0.52	0.81	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(A)Anthracene	1.6			Y	0.055	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(A)Pyrene	1.2			Y	0.065	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(B)Fluoranthene	1.6			Y	0.059	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(G,H,I)Perylene	0.85			Y	0.092	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(K)Fluoranthene	0.53			Y	0.065	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-11-COMP 2-4-9	17B0503-15	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.082	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Carbazole	0.36			Y	0.054	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Chrysene	1.9			Y	0.065	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Chrysene-D12	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Dibenzofuran		U		Y	0.072	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Fluoranthene	2.4			Y	0.069	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Fluorene	0.57			Y	0.068	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Hexachlorocyclopentadiene		U		Y	0.088	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Hexachloroethane		U		Y	0.084	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Indeno(1,2,3-C,D)Pyrene	0.96			Y	0.15	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Isophorone		U		Y	0.081	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Naphthalene	0.56			Y	0.11	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Naphthalene-D8	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Nitrobenzene		U		Y	0.079	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Nitrobenzene-D5	39.5			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	N-Nitrosodimethylamine		U		Y	0.26	0.42	4
LB-11-COMP 2-4-9	17B0503-15	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-11-COMP 2-4-9	17B0503-15	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-11-COMP 2-4-9	17B0503-15	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Pentachlorophenol		U		Y	0.1	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Perylene-D12	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Phenanthrene	3			Y	0.11	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Phenanthrene-D10	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Phenol		U		Y	0.071	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Phenol-D6	59.1			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	Pyrene	3.6			Y	0.069	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Pyridine		U		Y	0.068	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Terphenyl-D14	87.4			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,2,4,5-Tetrachlorobenzene		U		Y	0.076	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,2,4-Trichlorobenzene		U		Y	0.076	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,2-Dichlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,2-Diphenylhydrazine		U		Y	0.069	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,4-Dichlorobenzene		U		Y	0.076	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	1-Methylnaphthalene	0.4			Y	0.081	0.21	4
LB-11-COMP 1-0-4	17B0503-16	2,4,5-Trichlorophenol		U		Y	0.096	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4,6-Tribromophenol	86			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4,6-Trichlorophenol		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4-Dimethylphenol		U		Y	0.079	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4-Dinitrophenol		U		Y	0.24	0.82	4
LB-11-COMP 1-0-4	17B0503-16	2,4-Dinitrotoluene		U		Y	0.069	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,6-Dinitrotoluene		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Chloronaphthalene		U		Y	0.08	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Chlorophenol		U		Y	0.076	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Fluorobiphenyl	71.4			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Fluorophenol	76.4			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Methylnaphthalene	0.53			Y	0.074	0.21	4
LB-11-COMP 1-0-4	17B0503-16	2-Methylphenol (O-Cresol)		U		Y	0.11	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Nitroaniline		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Nitrophenol		U		Y	0.11	0.42	4
LB-11-COMP 1-0-4	17B0503-16	3- And 4- Methylphenol (Total)		U		Y	0.14	0.42	4
LB-11-COMP 1-0-4	17B0503-16	3,3'-Dichlorobenzidine		U		Y	0.065	0.21	4
LB-11-COMP 1-0-4	17B0503-16	3-Nitroaniline		U		Y	0.061	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4-Bromophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4-Chloro-3-Methylphenol		U		Y	0.091	0.82	4
LB-11-COMP 1-0-4	17B0503-16	4-Chloroaniline		U	UJ	Y	0.098	0.82	4
LB-11-COMP 1-0-4	17B0503-16	4-Chlorophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4-Nitroaniline		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4-Nitrophenol		U		Y	0.092	0.82	4
LB-11-COMP 1-0-4	17B0503-16	Acenaphthene		U		Y	0.064	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Acenaphthene-D10	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Acenaphthylene		U		Y	0.071	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Acetophenone		U		Y	0.084	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Aniline		U		Y	0.12	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Anthracene		U		Y	0.061	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzidine		U	UJ	Y	0.53	0.82	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(A)Anthracene	0.52			Y	0.056	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(A)Pyrene	0.41			Y	0.066	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(B)Fluoranthene	0.55			Y	0.06	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(G,H,I)Perylene	0.29			Y	0.094	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(K)Fluoranthene		U		Y	0.066	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzoic Acid		U	UJ	Y	0.23	1.2	4
LB-11-COMP 1-0-4	17B0503-16	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Bis(2-Chloroethoxy) Methane		U		Y	0.081	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.084	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Bis(2-Chloroisopropyl) Ether		U		Y	0.091	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Carbazole		U		Y	0.055	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Chrysene	0.52			Y	0.066	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Chrysene-D12	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Dibenzofuran		U		Y	0.074	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Diethyl Phthalate		U		Y	0.076	0.42	4

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LB-11-COMP 1-0-4	17B0503-16	Dimethyl Phthalate		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Di-N-Butyl Phthalate		U		Y	0.092	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Fluoranthene	1			Y	0.07	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Fluorene		U		Y	0.069	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Hexachlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Hexachlorobutadiene		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Hexachlorocyclopentadiene		U		Y	0.09	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Hexachloroethane		U		Y	0.085	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Indeno(1,2,3-C,D)Pyrene	0.32			Y	0.15	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Isophorone		U		Y	0.082	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Naphthalene	0.38			Y	0.11	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Naphthalene-D8	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Nitrobenzene		U		Y	0.08	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Nitrobenzene-D5	69.8			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-11-COMP 1-0-4	17B0503-16	N-Nitrosodi-N-Propylamine		U		Y	0.088	0.42	4
LB-11-COMP 1-0-4	17B0503-16	N-Nitrosodiphenylamine		U		Y	0.088	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Pentachlorophenol		U		Y	0.1	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Perylene-D12	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Phenanthrene	0.96			Y	0.11	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Phenanthrene-D10	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Phenol		U		Y	0.072	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Phenol-D6	79.7			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	Pyrene	1.1			Y	0.07	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Pyridine		U		Y	0.069	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Terphenyl-D14	81.4			Y		0.42	4
LB-12-COMP 1-0-4	17B0503-17	1,2,4,5-Tetrachlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,2,4-Trichlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,2-Dichlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,2-Diphenylhydrazine		U		Y	0.35	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,3-Dichlorobenzene		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,4-Dichlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-12-COMP 1-0-4	17B0503-17	1-Methylnaphthalene		U		Y	0.42	1.1	4
LB-12-COMP 1-0-4	17B0503-17	2,4,5-Trichlorophenol		U		Y	0.5	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4,6-Tribromophenol	75			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4,6-Trichlorophenol		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4-Dichlorophenol		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4-Dimethylphenol		U		Y	0.41	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4-Dinitrophenol		U		Y	1.2	4.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4-Dinitrotoluene		U		Y	0.35	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,6-Dinitrotoluene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Chloronaphthalene		U		Y	0.41	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Chlorophenol		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Fluorobiphenyl	76.3			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Fluorophenol	71.7			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Methylnaphthalene		U		Y	0.38	1.1	4
LB-12-COMP 1-0-4	17B0503-17	2-Methylphenol (O-Cresol)		U		Y	0.55	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Nitroaniline		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Nitrophenol		U		Y	0.58	2.2	4
LB-12-COMP 1-0-4	17B0503-17	3- And 4- Methylphenol (Total)		U		Y	0.69	2.2	4
LB-12-COMP 1-0-4	17B0503-17	3,3'-Dichlorobenzidine		U		Y	0.33	1.1	4
LB-12-COMP 1-0-4	17B0503-17	3-Nitroaniline		U		Y	0.32	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4,6-Dinitro-2-Methylphenol		U		Y	2.1	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Bromophenyl Phenyl Ether		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Chloro-3-Methylphenol		U		Y	0.47	4.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Chloroaniline		U	UJ	Y	0.5	4.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Chlorophenyl Phenyl Ether		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Nitroaniline		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Nitrophenol		U		Y	0.48	4.2	4
LB-12-COMP 1-0-4	17B0503-17	Acenaphthene	1.9	D		Y	0.33	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Acenaphthene-D10	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Acenaphthylene		U		Y	0.37	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Acetophenone		U		Y	0.43	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Aniline		U		Y	0.62	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Anthracene	3.1	D		Y	0.32	1.1	4

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LB-12-COMP 1-0-4	17B0503-17	Benzdine		U	UJ	Y	2.7	4.2	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(A)Anthracene	8	D		Y	0.29	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(A)Pyrene	5.8	D		Y	0.34	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(B)Fluoranthene	7.3	D		Y	0.31	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(G,H,I)Perylene	4	D		Y	0.48	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(K)Fluoranthene	3	D		Y	0.34	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzoic Acid		U	UJ	Y	1.2	6.4	4
LB-12-COMP 1-0-4	17B0503-17	Benzyl Butyl Phthalate		U		Y	0.52	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Bis(2-Chloroethoxy) Methane		U		Y	0.42	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.43	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Bis(2-Chloroisopropyl) Ether		U		Y	0.47	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Bis(2-Ethylhexyl) Phthalate		U		Y	0.85	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Carbazole		U		Y	0.28	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Chrysene	7.8	D		Y	0.34	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Chrysene-D12	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Dibenz(A,H)Anthracene		U		Y	0.67	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Dibenzofuran		U		Y	0.38	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Diethyl Phthalate		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Dimethyl Phthalate		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Di-N-Butyl Phthalate		U		Y	0.48	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Di-N-Octylphthalate		U		Y	1.1	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Fluoranthene	19	D		Y	0.36	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Fluorene	2.6	D		Y	0.35	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Hexachlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Hexachlorobutadiene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Hexachlorocyclopentadiene		U		Y	0.46	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Hexachloroethane		U		Y	0.44	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Indeno(1,2,3-C,D)Pyrene	4.6	D		Y	0.79	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Isophorone		U		Y	0.42	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Naphthalene		U		Y	0.56	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Naphthalene-D8	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Nitrobenzene		U		Y	0.41	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Nitrobenzene-D5	54.8			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	N-Nitrosodimethylamine		U		Y	1.4	2.2	4
LB-12-COMP 1-0-4	17B0503-17	N-Nitrosodi-N-Propylamine		U		Y	0.45	2.2	4
LB-12-COMP 1-0-4	17B0503-17	N-Nitrosodiphenylamine		U		Y	0.45	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Pentachloronitrobenzene		U		Y	0.52	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Pentachlorophenol		U		Y	0.53	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Perylene-D12	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Phenanthrene	16	D		Y	0.57	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Phenanthrene-D10	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Phenol		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Phenol-D6	72.4			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	Pyrene	20	D		Y	0.36	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Pyridine		U		Y	0.35	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Terphenyl-D14	90.9			Y		2.2	4
LB-12-COMP 2-4-9	17B0503-18	1,2,4,5-Tetrachlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,2,4-Trichlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,2-Dichlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,2-Diphenylhydrazine		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,3-Dichlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,4-Dichlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-12-COMP 2-4-9	17B0503-18	1-Methylnaphthalene		U		Y	0.16	0.43	4
LB-12-COMP 2-4-9	17B0503-18	2,4,5-Trichlorophenol		U	UJ	Y	0.19	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4,6-Tribromophenol	13.2			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4,6-Trichlorophenol		U	UJ	Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4-Dichlorophenol		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4-Dimethylphenol		U		Y	0.16	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4-Dinitrophenol		U	UJ	Y	0.49	1.7	4
LB-12-COMP 2-4-9	17B0503-18	2,4-Dinitrotoluene		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,6-Dinitrotoluene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Chloronaphthalene		U		Y	0.16	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Chlorophenol		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Fluorobiphenyl	83.8			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Fluorophenol	51.9			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Methylnaphthalene	0.46	D		Y	0.15	0.43	4
LB-12-COMP 2-4-9	17B0503-18	2-Methylphenol (O-Cresol)		U		Y	0.21	0.85	4

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LB-12-COMP 2-4-9	17B0503-18	2-Nitroaniline		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Nitrophenol		U	UJ	Y	0.23	0.85	4
LB-12-COMP 2-4-9	17B0503-18	3- And 4- Methylphenol (Total)		U		Y	0.27	0.85	4
LB-12-COMP 2-4-9	17B0503-18	3,3'-Dichlorobenzidine		U		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	3-Nitroaniline		U		Y	0.12	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4,6-Dinitro-2-Methylphenol		U	UJ	Y	0.81	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4-Bromophenyl Phenyl Ether		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4-Chloro-3-Methylphenol		U		Y	0.18	1.7	4
LB-12-COMP 2-4-9	17B0503-18	4-Chloroaniline		U	UJ	Y	0.2	1.7	4
LB-12-COMP 2-4-9	17B0503-18	4-Chlorophenyl Phenyl Ether		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4-Nitroaniline		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4-Nitrophenol		U	UJ	Y	0.19	1.7	4
LB-12-COMP 2-4-9	17B0503-18	Acenaphthene		U		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Acenaphthene-D10	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Acenaphthylene		U		Y	0.14	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Acetophenone		U		Y	0.17	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Aniline		U		Y	0.24	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Anthracene		U		Y	0.12	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzdine		U	UJ	Y	1.1	1.7	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(A)Anthracene	0.83	D		Y	0.11	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(A)Pyrene	0.71	D		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(B)Fluoranthene	1	D		Y	0.12	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(G,H,I)Perylene		U		Y	0.19	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(K)Fluoranthene		U		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzoic Acid		U	UJ	Y	0.45	2.5	4
LB-12-COMP 2-4-9	17B0503-18	Benzyl Butyl Phthalate		U		Y	0.2	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Bis(2-Chloroethoxy) Methane		U		Y	0.16	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.17	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Bis(2-Chloroisopropyl) Ether		U		Y	0.18	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Bis(2-Ethylhexyl) Phthalate		U		Y	0.33	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Carbazole		U		Y	0.11	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Chrysene	0.94	D		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Chrysene-D12	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Dibenz(A,H)Anthracene		U		Y	0.26	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Dibenzofuran		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Diethyl Phthalate		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Dimethyl Phthalate		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Di-N-Butyl Phthalate		U		Y	0.19	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Di-N-Octylphthalate		U		Y	0.45	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Fluoranthene	2.1	D		Y	0.14	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Fluorene		U		Y	0.14	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Hexachlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Hexachlorobutadiene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Hexachlorocyclopentadiene		U	UJ	Y	0.18	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Hexachloroethane		U		Y	0.17	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Indeno(1,2,3-C,D)Pyrene		U		Y	0.31	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Isophorone		U		Y	0.17	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Naphthalene		U		Y	0.22	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Naphthalene-D8	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Nitrobenzene		U		Y	0.16	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Nitrobenzene-D5	34.8			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	N-Nitrosodimethylamine		U		Y	0.54	0.85	4
LB-12-COMP 2-4-9	17B0503-18	N-Nitrosodi-N-Propylamine		U		Y	0.18	0.85	4
LB-12-COMP 2-4-9	17B0503-18	N-Nitrosodiphenylamine		U		Y	0.18	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Pentachloronitrobenzene		U		Y	0.2	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Pentachlorophenol		U	UJ	Y	0.21	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Perylene-D12	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Phenanthrene	2	D	J	Y	0.22	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Phenanthrene-D10	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Phenol		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Phenol-D6	73.4			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	Pyrene	1.6	D		Y	0.14	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Pyridine		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Terphenyl-D14	76.7			Y		0.85	4
LB-13-COMP 1-0-4	17B0503-19	1,2,4,5-Tetrachlorobenzene		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,2,4-Trichlorobenzene		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,2-Dichlorobenzene		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,2-Diphenylhydrazine		U		Y	0.66	4.1	4

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LB-13-COMP 1-0-4	17B0503-19	1,3-Dichlorobenzene		U		Y	0.7	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,4-Dichlorobenzene		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-13-COMP 1-0-4	17B0503-19	1-Methylnaphthalene	14	D		Y	0.78	2	4
LB-13-COMP 1-0-4	17B0503-19	2,4,5-Trichlorophenol		U		Y	0.93	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4,6-Tribromophenol	72.3			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4,6-Trichlorophenol		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4-Dichlorophenol		U		Y	0.7	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4-Dimethylphenol		U		Y	0.76	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4-Dinitrophenol		U		Y	2.3	7.9	4
LB-13-COMP 1-0-4	17B0503-19	2,4-Dinitrotoluene		U		Y	0.66	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,6-Dinitrotoluene		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Chloronaphthalene		U		Y	0.77	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Chlorophenol		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Fluorobiphenyl	73.4			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Fluorophenol	58.7			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Methylnaphthalene	21	D		Y	0.71	2	4
LB-13-COMP 1-0-4	17B0503-19	2-Methylphenol (O-Cresol)		U		Y	1	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Nitroaniline		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Nitrophenol		U		Y	1.1	4.1	4
LB-13-COMP 1-0-4	17B0503-19	3- And 4- Methylphenol (Total)		U		Y	1.3	4.1	4
LB-13-COMP 1-0-4	17B0503-19	3,3'-Dichlorobenzidine		U		Y	0.62	2	4
LB-13-COMP 1-0-4	17B0503-19	3-Nitroaniline		U		Y	0.59	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4,6-Dinitro-2-Methylphenol		U		Y	3.9	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4-Bromophenyl Phenyl Ether		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4-Chloro-3-Methylphenol		U		Y	0.88	7.9	4
LB-13-COMP 1-0-4	17B0503-19	4-Chloroaniline		U	UJ	Y	0.94	7.9	4
LB-13-COMP 1-0-4	17B0503-19	4-Chlorophenyl Phenyl Ether		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4-Nitroaniline		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4-Nitrophenol		U		Y	0.89	7.9	4
LB-13-COMP 1-0-4	17B0503-19	Acenaphthene	33	D		Y	0.61	2	4
LB-13-COMP 1-0-4	17B0503-19	Acenaphthene-D10	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Acenaphthylene	33	D		Y	0.69	2	4
LB-13-COMP 1-0-4	17B0503-19	Acetophenone		U		Y	0.81	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Aniline		U		Y	1.2	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Benzidine		U	UJ	Y	5.1	7.9	4
LB-13-COMP 1-0-4	17B0503-19	Benzoic Acid		U	UJ	Y	2.2	12	4
LB-13-COMP 1-0-4	17B0503-19	Benzyl Butyl Phthalate		U		Y	0.97	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Bis(2-Chloroethoxy) Methane		U		Y	0.78	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.81	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Bis(2-Chloroisopropyl) Ether		U		Y	0.88	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Bis(2-Ethylhexyl) Phthalate		U		Y	1.6	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Carbazole	33	D		Y	0.53	2	4
LB-13-COMP 1-0-4	17B0503-19	Chrysene-D12	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Dibenz(A,H)Anthracene	21	D		Y	1.2	2	4
LB-13-COMP 1-0-4	17B0503-19	Diethyl Phthalate		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Dimethyl Phthalate		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Di-N-Butyl Phthalate		U		Y	0.89	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Di-N-Octylphthalate		U		Y	2.1	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Hexachlorobenzene		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Hexachlorobutadiene		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Hexachlorocyclopentadiene		U		Y	0.87	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Hexachloroethane		U		Y	0.82	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Isophorone		U		Y	0.79	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Naphthalene	27	D		Y	1	2	4
LB-13-COMP 1-0-4	17B0503-19	Naphthalene-D8	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Nitrobenzene		U		Y	0.77	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Nitrobenzene-D5	60.2			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	N-Nitrosodimethylamine		U		Y	2.6	4.1	4
LB-13-COMP 1-0-4	17B0503-19	N-Nitrosodi-N-Propylamine		U		Y	0.84	4.1	4
LB-13-COMP 1-0-4	17B0503-19	N-Nitrosodiphenylamine		U		Y	0.84	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Pentachloronitrobenzene		U		Y	0.97	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Pentachlorophenol		U		Y	0.99	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Perylene-D12	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Phenanthrene-D10	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Phenol		U		Y	0.7	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Phenol-D6	64.3			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	Pyridine		U		Y	0.66	4.1	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-13-COMP 1-0-4	17B0503-19	Terphenyl-D14	87.5			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	2,4,6-Tribromophenol		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	2-Fluorobiphenyl		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	2-Fluorophenol		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	Acenaphthene-D10	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Anthracene	100	D		Y	5.9	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(A)Anthracene	130	D		Y	5.4	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(A)Pyrene	110	D		Y	6.4	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(B)Fluoranthene	120	D		Y	5.8	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(G,H,I)Perylene	44	D		Y	9	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(K)Fluoranthene	45	D		Y	6.4	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Chrysene	120	D		Y	6.4	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Chrysene-D12	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Dibenzofuran	44	D		Y	7.1	41	4
LB-13-COMP 1-0-4	17B0503-19RE1	Fluoranthene	320	D		Y	6.7	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Fluorene	65	D		Y	6.6	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Indeno(1,2,3-C,D)Pyrene	51	D		Y	15	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Naphthalene-D8	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Nitrobenzene-D5		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	Perylene-D12	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Phenanthrene	370	D		Y	11	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Phenanthrene-D10	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Phenol-D6		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	Pyrene	290	D		Y	6.7	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Terphenyl-D14		U		Y		41	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,2,4-Trichlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,2-Dichlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,2-Diphenylhydrazine		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,3-Dichlorobenzene		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,4-Dichlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1-Methylnaphthalene		U		Y	0.16	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4,5-Trichlorophenol		U		Y	0.19	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4,6-Tribromophenol	24.3			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4,6-Trichlorophenol		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4-Dichlorophenol		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4-Dimethylphenol		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4-Dinitrophenol		U		Y	0.48	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4-Dinitrotoluene		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,6-Dinitrotoluene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Chloronaphthalene		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Chlorophenol		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Fluorobiphenyl	59			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Fluorophenol	43.3			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Methylnaphthalene		U		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Methylphenol (O-Cresol)		U		Y	0.21	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Nitroaniline		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Nitrophenol		U		Y	0.22	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	3- And 4- Methylphenol (Total)		U		Y	0.27	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	3,3'-Dichlorobenzidine		U		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	3-Nitroaniline		U		Y	0.12	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.79	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Bromophenyl Phenyl Ether		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Chloro-3-Methylphenol		U		Y	0.18	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Chloroaniline		U		Y	0.19	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Nitroaniline		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Nitrophenol		U		Y	0.18	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Acenaphthene		U		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Acenaphthene-D10	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Acenaphthylene		U		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Acetophenone		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Aniline		U		Y	0.24	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Anthracene		U		Y	0.12	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzidine		U	UJ	Y	1	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(A)Anthracene	0.77	D		Y	0.11	0.42	4

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LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(A)Pyrene	0.67	D		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(B)Fluoranthene	1.3	D		Y	0.12	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(G,H,I)Perylene		U		Y	0.18	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(K)Fluoranthene		U		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzoic Acid		U		Y	0.44	2.5	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzyl Butyl Phthalate		U		Y	0.2	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.18	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.32	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Carbazole		U		Y	0.11	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Chrysene	0.83	D		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Chrysene-D12	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Dibenz(A,H)Anthracene		U		Y	0.26	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Dibenzofuran		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Diethyl Phthalate		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Dimethyl Phthalate		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Di-N-Butyl Phthalate		U		Y	0.18	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Di-N-Octylphthalate		U		Y	0.44	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Fluoranthene	2.1	D		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Fluorene		U		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Hexachlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Hexachlorobutadiene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Hexachlorocyclopentadiene		U		Y	0.18	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Hexachloroethane		U		Y	0.17	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.3	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Isophorone		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Naphthalene	0.43	D		Y	0.21	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Naphthalene-D8	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Nitrobenzene		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Nitrobenzene-D5	42.4			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	N-Nitrosodimethylamine		U		Y	0.53	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	N-Nitrosodi-N-Propylamine		U		Y	0.17	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	N-Nitrosodiphenylamine		U		Y	0.17	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Pentachloronitrobenzene		U		Y	0.2	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Pentachlorophenol		U		Y	0.2	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Perylene-D12	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Phenanthrene	1.4	D		Y	0.22	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Phenanthrene-D10	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Phenol		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Phenol-D6	51.5			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Pyrene	1.7	D		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Pyridine		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Terphenyl-D14	60			Y		0.84	4
LB-01-COMP 1-0-4	17B0503-23	1,2,4,5-Tetrachlorobenzene		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,2,4-Trichlorobenzene		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,2-Dichlorobenzene		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,2-Diphenylhydrazine		U		Y	0.063	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,3-Dichlorobenzene		U		Y	0.067	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,4-Dichlorobenzene		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,4-Dichlorobenzene-D4	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	1-Methylnaphthalene	0.84			Y	0.075	0.2	4
LB-01-COMP 1-0-4	17B0503-23	2,4,5-Trichlorophenol		U		Y	0.089	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4,6-Tribromophenol	61.7			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4,6-Trichlorophenol		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4-Dichlorophenol		U		Y	0.067	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4-Dimethylphenol		U		Y	0.072	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4-Dinitrophenol		U		Y	0.22	0.76	4
LB-01-COMP 1-0-4	17B0503-23	2,4-Dinitrotoluene		U		Y	0.063	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,6-Dinitrotoluene		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Chloronaphthalene		U		Y	0.074	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Chlorophenol		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Fluorobiphenyl	68.4			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Fluorophenol	57.7			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Methylnaphthalene	1.4			Y	0.068	0.2	4
LB-01-COMP 1-0-4	17B0503-23	2-Methylphenol (O-Cresol)		U		Y	0.098	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Nitroaniline		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Nitrophenol		U		Y	0.1	0.39	4

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LB-01-COMP 1-0-4	17B0503-23	3- And 4- Methylphenol (Total)		U		Y	0.12	0.39	4
LB-01-COMP 1-0-4	17B0503-23	3,3'-Dichlorobenzidine		U		Y	0.06	0.2	4
LB-01-COMP 1-0-4	17B0503-23	3-Nitroaniline		U		Y	0.056	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4,6-Dinitro-2-Methylphenol		U		Y	0.37	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4-Bromophenyl Phenyl Ether		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4-Chloro-3-Methylphenol		U		Y	0.084	0.76	4
LB-01-COMP 1-0-4	17B0503-23	4-Chloroaniline		U		Y	0.09	0.76	4
LB-01-COMP 1-0-4	17B0503-23	4-Chlorophenyl Phenyl Ether		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4-Nitroaniline		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4-Nitrophenol		U		Y	0.085	0.76	4
LB-01-COMP 1-0-4	17B0503-23	Acenaphthene	0.2			Y	0.059	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Acenaphthene-D10	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Acenaphthylene		U		Y	0.066	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Acetophenone		U		Y	0.077	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Aniline		U		Y	0.11	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Anthracene		U		Y	0.056	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzidine		U	UJ	Y	0.49	0.76	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(A)Anthracene	0.63			Y	0.052	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(A)Pyrene	0.54			Y	0.061	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(B)Fluoranthene	0.79			Y	0.055	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(G,H,I)Perylene	0.49			Y	0.086	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(K)Fluoranthene	0.29			Y	0.061	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzoic Acid		U		Y	0.21	1.1	4
LB-01-COMP 1-0-4	17B0503-23	Benzyl Butyl Phthalate		U		Y	0.093	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Bis(2-Chloroethoxy) Methane		U		Y	0.075	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.077	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Bis(2-Chloroisopropyl) Ether		U		Y	0.084	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Bis(2-Ethylhexyl) Phthalate		U		Y	0.15	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Carbazole		U		Y	0.051	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Chrysene	0.98			Y	0.061	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Chrysene-D12	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Dibenz(A,H)Anthracene		U		Y	0.12	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Dibenzofuran	0.41			Y	0.068	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Diethyl Phthalate		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Dimethyl Phthalate		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Di-N-Butyl Phthalate		U		Y	0.085	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Di-N-Octylphthalate		U		Y	0.2	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Fluoranthene	1.5			Y	0.064	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Fluorene	0.3			Y	0.063	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Hexachlorobenzene		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Hexachlorobutadiene		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Hexachlorocyclopentadiene		U		Y	0.083	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Hexachloroethane		U		Y	0.078	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Indeno(1,2,3-C,D)Pyrene	0.45			Y	0.14	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Isophorone		U		Y	0.076	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Naphthalene	0.52			Y	0.1	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Naphthalene-D8	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Nitrobenzene		U		Y	0.074	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Nitrobenzene-D5	38.2			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	N-Nitrosodimethylamine		U		Y	0.25	0.39	4
LB-01-COMP 1-0-4	17B0503-23	N-Nitrosodi-N-Propylamine		U		Y	0.08	0.39	4
LB-01-COMP 1-0-4	17B0503-23	N-Nitrosodiphenylamine		U		Y	0.08	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Pentachloronitrobenzene		U		Y	0.093	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Pentachlorophenol		U		Y	0.094	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Perylene-D12	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Phenanthrene	1.7			Y	0.1	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Phenanthrene-D10	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Phenol		U		Y	0.067	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Phenol-D6	59.2			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	Pyrene	2			Y	0.064	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Pyridine		U		Y	0.063	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Terphenyl-D14	76.8			Y		0.39	4
LB-01-COMP 2-4-9.8	17B0503-24	1,2,4,5-Tetrachlorobenzene		U		Y	0.074	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,2,4-Trichlorobenzene		U		Y	0.074	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,2-Dichlorobenzene		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,2-Diphenylhydrazine		U		Y	0.067	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,3-Dichlorobenzene		U		Y	0.07	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,4-Dichlorobenzene		U		Y	0.074	0.41	4

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LB-01-COMP 2-4-9.8	17B0503-24	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	1-Methylnaphthalene		U		Y	0.079	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4,5-Trichlorophenol		U		Y	0.093	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4,6-Tribromophenol	43.8			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4,6-Trichlorophenol		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4-Dichlorophenol		U		Y	0.07	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4-Dimethylphenol		U		Y	0.076	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4-Dinitrophenol		U		Y	0.23	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4-Dinitrotoluene		U		Y	0.067	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,6-Dinitrotoluene		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Chloronaphthalene		U		Y	0.077	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Chlorophenol		U		Y	0.074	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Fluorobiphenyl	76.1			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Fluorophenol	57			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Methylnaphthalene		U		Y	0.071	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Methylphenol (O-Cresol)		U		Y	0.1	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Nitroaniline		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Nitrophenol		U		Y	0.11	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	3- And 4- Methylphenol (Total)		U		Y	0.13	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	3,3'-Dichlorobenzidine		U		Y	0.063	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	3-Nitroaniline		U		Y	0.059	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4,6-Dinitro-2-Methylphenol		U		Y	0.39	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Bromophenyl Phenyl Ether		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Chloro-3-Methylphenol		U		Y	0.088	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Chloroaniline		U		Y	0.094	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Chlorophenyl Phenyl Ether		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Nitroaniline		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Nitrophenol		U		Y	0.089	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	Acenaphthene		U		Y	0.062	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Acenaphthene-D10	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Acenaphthylene		U		Y	0.069	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Acetophenone		U		Y	0.081	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Aniline		U		Y	0.12	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Anthracene		U		Y	0.059	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzidine		U	UJ	Y	0.51	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(A)Anthracene		U		Y	0.054	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(A)Pyrene		U		Y	0.064	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(B)Fluoranthene		U		Y	0.058	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(G,H,I)Perylene		U		Y	0.091	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(K)Fluoranthene		U		Y	0.064	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzoic Acid		U		Y	0.22	1.2	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzyl Butyl Phthalate		U		Y	0.098	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Bis(2-Chloroethoxy) Methane		U		Y	0.079	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.081	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Bis(2-Chloroisopropyl) Ether		U		Y	0.088	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Carbazole		U		Y	0.053	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Chrysene		U		Y	0.064	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Chrysene-D12	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Dibenzofuran		U		Y	0.071	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Diethyl Phthalate		U		Y	0.074	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Dimethyl Phthalate		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Di-N-Butyl Phthalate		U		Y	0.089	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Di-N-Octylphthalate		U		Y	0.22	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Fluoranthene	0.31			Y	0.068	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Fluorene		U		Y	0.067	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Hexachlorobenzene		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Hexachlorobutadiene		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Hexachlorocyclopentadiene		U		Y	0.087	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Hexachloroethane		U		Y	0.082	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Isophorone		U		Y	0.08	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Naphthalene		U		Y	0.11	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Naphthalene-D8	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Nitrobenzene		U		Y	0.077	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Nitrobenzene-D5	58.4			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	N-Nitrosodimethylamine		U		Y	0.26	0.41	4

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LB-01-COMP 2-4-9.8	17B0503-24	N-Nitrosodi-N-Propylamine		U		Y	0.085	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	N-Nitrosodiphenylamine		U		Y	0.085	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Pentachloronitrobenzene		U		Y	0.098	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Pentachlorophenol		U		Y	0.099	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Perylene-D12	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Phenanthrene	0.29			Y	0.11	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Phenanthrene-D10	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Phenol		U		Y	0.07	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Phenol-D6	59.4			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Pyrene	0.42			Y	0.068	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Pyridine		U		Y	0.067	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Terphenyl-D14	71			Y		0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,2,4-Trichlorobenzene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,2-Dichlorobenzene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,2-Diphenylhydrazine		U		Y	0.13	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,3-Dichlorobenzene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,4-Dichlorobenzene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	1-Methylnaphthalene		U		Y	0.16	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4,5-Trichlorophenol		U		Y	0.18	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4,6-Tribromophenol	26.3			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4,6-Trichlorophenol		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4-Dichlorophenol		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4-Dimethylphenol		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4-Dinitrophenol		U		Y	0.46	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4-Dinitrotoluene		U		Y	0.13	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,6-Dinitrotoluene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Chloronaphthalene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Chlorophenol		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Fluorobiphenyl	63.2			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Fluorophenol	43			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Methylnaphthalene		U		Y	0.14	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Methylphenol (O-Cresol)		U		Y	0.2	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Nitroaniline		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Nitrophenol		U		Y	0.22	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	3- And 4- Methylphenol (Total)		U		Y	0.26	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	3,3'-Dichlorobenzidine		U		Y	0.12	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	3-Nitroaniline		U		Y	0.12	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.77	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Bromophenyl Phenyl Ether		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Chloro-3-Methylphenol		U		Y	0.17	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Chloroaniline		U		Y	0.19	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Nitroaniline		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Nitrophenol		U		Y	0.18	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	Acenaphthene		U		Y	0.12	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Acenaphthene-D10	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Acenaphthylene		U		Y	0.14	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Acetophenone		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Aniline		U		Y	0.23	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Anthracene		U		Y	0.12	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzidine		U	UJ	Y	1	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(A)Anthracene	0.51	D		Y	0.11	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(A)Pyrene	0.46	D		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(B)Fluoranthene	0.67	D		Y	0.11	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(G,H,I)Perylene		U		Y	0.18	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(K)Fluoranthene		U		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzoic Acid		U		Y	0.43	2.4	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzyl Butyl Phthalate		U		Y	0.19	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.17	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.32	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Carbazole		U		Y	0.11	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Chrysene	0.54	D		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Chrysene-D12	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Dibenz(A,H)Anthracene		U		Y	0.25	0.41	4

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LB-02-COMP 1-0-4	17B0503-25RE1	Dibenzofuran		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Diethyl Phthalate		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Dimethyl Phthalate		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Di-N-Butyl Phthalate		U		Y	0.18	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Di-N-Octylphthalate		U		Y	0.43	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Fluoranthene	1.3	D		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Fluorene		U		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Hexachlorobenzene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Hexachlorobutadiene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Hexachlorocyclopentadiene		U		Y	0.17	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Hexachloroethane		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.29	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Isophorone		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Naphthalene		U		Y	0.21	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Naphthalene-D8	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Nitrobenzene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Nitrobenzene-D5	45.7			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	N-Nitrosodimethylamine		U		Y	0.51	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	N-Nitrosodi-N-Propylamine		U		Y	0.17	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	N-Nitrosodiphenylamine		U		Y	0.17	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Pentachloronitrobenzene		U		Y	0.19	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Pentachlorophenol		U		Y	0.2	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Perylene-D12	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Phenanthrene	1.1	D		Y	0.21	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Phenanthrene-D10	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Phenol		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Phenol-D6	50			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Pyrene	1.1	D		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Pyridine		U		Y	0.13	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Terphenyl-D14	57.7			Y		0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,4-Dichlorobenzene		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	1-Methylnaphthalene	0.82			Y	0.08	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,6-Tribromophenol	41.1			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,6-Trichlorophenol		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4-Dinitrophenol		U		Y	0.24	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Chlorophenol		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Fluorobiphenyl	55			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Fluorophenol	43.7			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Methylnaphthalene	1.2			Y	0.073	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Nitroaniline		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Nitrophenol		U		Y	0.11	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	3-Nitroaniline		U		Y	0.06	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Chloroaniline		U		Y	0.096	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Nitroaniline		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Nitrophenol		U		Y	0.091	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	Acenaphthene	2.4			Y	0.063	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Acenaphthene-D10	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Acenaphthylene		U		Y	0.07	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Acetophenone		U		Y	0.083	0.42	4

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LB-02-COMP 2-4-9.2	17B0503-26	Aniline		U		Y	0.12	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Anthracene	3.7			Y	0.06	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzenidine		U	UJ	Y	0.52	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzo(A)Pyrene	4.7			Y	0.065	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzo(G,H,I)Perylene	2.9			Y	0.093	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzo(K)Fluoranthene	2.1			Y	0.065	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzoic Acid		U		Y	0.22	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Carbazole	1.8			Y	0.054	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Chrysene-D12	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Dibenz(A,H)Anthracene	0.89			Y	0.13	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Dibenzofuran	1.7			Y	0.073	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Fluorene	2.9			Y	0.068	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachloroethane		U		Y	0.084	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Indeno(1,2,3-C,D)Pyrene	3.2			Y	0.15	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Isophorone		U		Y	0.081	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Naphthalene	1.8			Y	0.11	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Naphthalene-D8	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Nitrobenzene		U		Y	0.079	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Nitrobenzene-D5	26.2			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Pentachlorophenol		U		Y	0.1	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Perylene-D12	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Phenanthrene-D10	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Phenol		U		Y	0.072	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Phenol-D6	47.9			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Pyridine		U		Y	0.068	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Terphenyl-D14	53.4			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	2,4,6-Tribromophenol	40.5			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	2-Fluorobiphenyl	57.7			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	2-Fluorophenol	47.6			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Acenaphthene-D10	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Benzo(A)Anthracene	6.8	D		Y	0.28	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Benzo(B)Fluoranthene	6.1	D		Y	0.3	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Chrysene	5.9	D		Y	0.33	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Chrysene-D12	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Fluoranthene	16	D		Y	0.35	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Naphthalene-D8	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Nitrobenzene-D5	26.4			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Perylene-D12	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Phenanthrene	16	D		Y	0.54	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Phenanthrene-D10	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Phenol-D6	53.2			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Pyrene	12	D		Y	0.35	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Terphenyl-D14	53.9			Y		2.1	4
LB-03-COMP 1-0-4	17B0503-27	1,2,4,5-Tetrachlorobenzene		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,2,4-Trichlorobenzene		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,2-Dichlorobenzene		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,2-Diphenylhydrazine		U		Y	0.062	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,3-Dichlorobenzene		U		Y	0.065	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,4-Dichlorobenzene		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,4-Dichlorobenzene-D4	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	1-Methylnaphthalene	0.23			Y	0.073	0.19	4

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LB-03-COMP 1-0-4	17B0503-27	2,4,5-Trichlorophenol		U		Y	0.087	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4,6-Tribromophenol	50.5			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4,6-Trichlorophenol		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4-Dichlorophenol		U		Y	0.065	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4-Dimethylphenol		U		Y	0.071	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4-Dinitrophenol		U		Y	0.22	0.74	4
LB-03-COMP 1-0-4	17B0503-27	2,4-Dinitrotoluene		U		Y	0.062	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,6-Dinitrotoluene		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Chloronaphthalene		U		Y	0.072	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Chlorophenol		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Fluorobiphenyl	74.5			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Fluorophenol	52.7			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Methylnaphthalene	0.37			Y	0.067	0.19	4
LB-03-COMP 1-0-4	17B0503-27	2-Methylphenol (O-Cresol)		U		Y	0.096	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Nitroaniline		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Nitrophenol		U		Y	0.1	0.38	4
LB-03-COMP 1-0-4	17B0503-27	3- And 4- Methylphenol (Total)		U		Y	0.12	0.38	4
LB-03-COMP 1-0-4	17B0503-27	3,3'-Dichlorobenzidine		U		Y	0.059	0.19	4
LB-03-COMP 1-0-4	17B0503-27	3-Nitroaniline		U		Y	0.055	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4,6-Dinitro-2-Methylphenol		U		Y	0.36	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4-Bromophenyl Phenyl Ether		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4-Chloro-3-Methylphenol		U		Y	0.082	0.74	4
LB-03-COMP 1-0-4	17B0503-27	4-Chloroaniline		U		Y	0.088	0.74	4
LB-03-COMP 1-0-4	17B0503-27	4-Chlorophenyl Phenyl Ether		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4-Nitroaniline		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4-Nitrophenol		U		Y	0.084	0.74	4
LB-03-COMP 1-0-4	17B0503-27	Acenaphthene	0.27			Y	0.058	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Acenaphthene-D10	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Acenaphthylene		U		Y	0.064	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Acetophenone		U		Y	0.076	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Aniline		U		Y	0.11	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Anthracene	0.41			Y	0.055	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzidine		U	UJ	Y	0.48	0.74	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(A)Anthracene	0.95			Y	0.051	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(A)Pyrene	0.78			Y	0.06	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(B)Fluoranthene	1			Y	0.054	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(G,H,I)Perylene	0.6			Y	0.085	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(K)Fluoranthene	0.38			Y	0.06	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzoic Acid		U		Y	0.2	1.1	4
LB-03-COMP 1-0-4	17B0503-27	Benzyl Butyl Phthalate		U		Y	0.091	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Bis(2-Chloroethoxy) Methane		U		Y	0.073	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.076	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Bis(2-Chloroisopropyl) Ether		U		Y	0.082	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Bis(2-Ethylhexyl) Phthalate		U		Y	0.15	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Carbazole	0.27			Y	0.05	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Chrysene	1			Y	0.06	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Chrysene-D12	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Dibenz(A,H)Anthracene		U		Y	0.12	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Dibenzofuran		U		Y	0.067	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Diethyl Phthalate		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Dimethyl Phthalate		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Di-N-Butyl Phthalate		U		Y	0.084	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Di-N-Octylphthalate		U		Y	0.2	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Fluoranthene	2.1			Y	0.063	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Fluorene	0.29			Y	0.062	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Hexachlorobenzene		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Hexachlorobutadiene		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Hexachlorocyclopentadiene		U		Y	0.081	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Hexachloroethane		U		Y	0.077	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Indeno(1,2,3-C,D)Pyrene	0.58			Y	0.14	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Isophorone		U		Y	0.074	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Naphthalene	0.5			Y	0.098	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Naphthalene-D8	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Nitrobenzene		U		Y	0.072	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Nitrobenzene-D5	57.5			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	N-Nitrosodimethylamine		U		Y	0.24	0.38	4
LB-03-COMP 1-0-4	17B0503-27	N-Nitrosodi-N-Propylamine		U		Y	0.079	0.38	4
LB-03-COMP 1-0-4	17B0503-27	N-Nitrosodiphenylamine		U		Y	0.079	0.38	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-03-COMP 1-0-4	17B0503-27	Pentachloronitrobenzene		U		Y	0.091	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Pentachlorophenol		U		Y	0.093	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Perylene-D12	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Phenanthrene	2.1			Y	0.099	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Phenanthrene-D10	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Phenol		U		Y	0.065	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Phenol-D6	57			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	Pyrene	2			Y	0.063	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Pyridine		U		Y	0.062	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Terphenyl-D14	75.4			Y		0.38	4
LB-03-COMP 2-4-9.9	17B0503-28	1,2,4,5-Tetrachlorobenzene		U		Y	0.08	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,2,4-Trichlorobenzene		U		Y	0.08	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,2-Dichlorobenzene		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,2-Diphenylhydrazine		U		Y	0.072	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,3-Dichlorobenzene		U		Y	0.076	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,4-Dichlorobenzene		U		Y	0.08	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	1-Methylnaphthalene		U		Y	0.085	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4,5-Trichlorophenol		U		Y	0.1	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4,6-Tribromophenol	76			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4,6-Trichlorophenol		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4-Dichlorophenol		U		Y	0.076	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4-Dimethylphenol		U		Y	0.082	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4-Dinitrophenol		U		Y	0.25	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4-Dinitrotoluene		U		Y	0.072	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,6-Dinitrotoluene		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Chloronaphthalene		U		Y	0.083	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Chlorophenol		U		Y	0.08	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Fluorobiphenyl	96.2			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Fluorophenol	69			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Methylnaphthalene		U		Y	0.077	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Methylphenol (O-Cresol)		U		Y	0.11	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Nitroaniline		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Nitrophenol		U		Y	0.12	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	3- And 4- Methylphenol (Total)		U		Y	0.14	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	3,3'-Dichlorobenzidine		U		Y	0.068	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	3-Nitroaniline		U		Y	0.064	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4,6-Dinitro-2-Methylphenol		U		Y	0.42	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Bromophenyl Phenyl Ether		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Chloro-3-Methylphenol		U		Y	0.095	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Chloroaniline		U		Y	0.1	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Chlorophenyl Phenyl Ether		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Nitroaniline		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Nitrophenol		U		Y	0.096	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	Acenaphthene		U		Y	0.066	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Acenaphthene-D10	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Acenaphthylene		U		Y	0.074	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Acetophenone		U		Y	0.087	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Aniline		U		Y	0.13	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Anthracene		U		Y	0.064	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzidine		U	UJ	Y	0.55	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(A)Anthracene		U		Y	0.059	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(A)Pyrene		U		Y	0.069	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(B)Fluoranthene		U		Y	0.063	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(G,H,I)Perylene		U		Y	0.098	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(K)Fluoranthene		U		Y	0.069	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzoic Acid		U		Y	0.24	1.3	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzyl Butyl Phthalate		U		Y	0.11	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Bis(2-Chloroethoxy) Methane		U		Y	0.085	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.087	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Bis(2-Chloroisopropyl) Ether		U		Y	0.095	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Carbazole		U		Y	0.057	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Chrysene		U		Y	0.069	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Chrysene-D12	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Dibenz(A,H)Anthracene		U		Y	0.14	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Dibenzofuran		U		Y	0.077	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Diethyl Phthalate		U		Y	0.08	0.44	4

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LB-03-COMP 2-4-9.9	17B0503-28	Dimethyl Phthalate		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Di-N-Butyl Phthalate		U		Y	0.096	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Di-N-Octylphthalate		U		Y	0.23	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Fluoranthene		U		Y	0.073	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Fluorene		U		Y	0.072	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Hexachlorobenzene		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Hexachlorobutadiene		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Hexachlorocyclopentadiene		U		Y	0.094	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Hexachloroethane		U		Y	0.089	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Indeno(1,2,3-C,D)Pyrene		U		Y	0.16	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Isophorone		U		Y	0.086	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Naphthalene		U		Y	0.11	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Naphthalene-D8	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Nitrobenzene		U		Y	0.083	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Nitrobenzene-D5	70.7			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	N-Nitrosodimethylamine		U		Y	0.28	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	N-Nitrosodi-N-Propylamine		U		Y	0.091	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	N-Nitrosodiphenylamine		U		Y	0.091	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Pentachloronitrobenzene		U		Y	0.11	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Pentachlorophenol		U		Y	0.11	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Perylene-D12	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Phenanthrene		U		Y	0.11	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Phenanthrene-D10	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Phenol		U		Y	0.076	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Phenol-D6	71.6			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Pyrene		U		Y	0.073	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Pyridine		U		Y	0.072	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Terphenyl-D14	91.3			Y		0.44	4
LB-07-COMP 1-0-4	17B0503-29	1,2,4,5-Tetrachlorobenzene		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,2,4-Trichlorobenzene		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,2-Dichlorobenzene		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,2-Diphenylhydrazine		U		Y	0.065	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,3-Dichlorobenzene		U		Y	0.069	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,4-Dichlorobenzene		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	1-Methylnaphthalene		U		Y	0.077	0.2	4
LB-07-COMP 1-0-4	17B0503-29	2,4,5-Trichlorophenol		U	UJ	Y	0.091	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4,6-Tribromophenol	12.3			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4,6-Trichlorophenol		U	UJ	Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4-Dichlorophenol		U		Y	0.069	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4-Dimethylphenol		U		Y	0.075	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4-Dinitrophenol		U	UJ	Y	0.23	0.78	4
LB-07-COMP 1-0-4	17B0503-29	2,4-Dinitrotoluene		U		Y	0.065	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,6-Dinitrotoluene		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Chloronaphthalene		U		Y	0.076	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Chlorophenol		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Fluorobiphenyl	66.7			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Fluorophenol	38.1			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Methylnaphthalene	0.21			Y	0.07	0.2	4
LB-07-COMP 1-0-4	17B0503-29	2-Methylphenol (O-Cresol)		U		Y	0.1	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Nitroaniline		U		Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Nitrophenol		U		Y	0.11	0.4	4
LB-07-COMP 1-0-4	17B0503-29	3- And 4- Methylphenol (Total)		U		Y	0.13	0.4	4
LB-07-COMP 1-0-4	17B0503-29	3,3'-Dichlorobenzidine		U		Y	0.062	0.2	4
LB-07-COMP 1-0-4	17B0503-29	3-Nitroaniline		U		Y	0.058	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4,6-Dinitro-2-Methylphenol		U		Y	0.38	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4-Bromophenyl Phenyl Ether		U		Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4-Chloro-3-Methylphenol		U		Y	0.087	0.78	4
LB-07-COMP 1-0-4	17B0503-29	4-Chloroaniline		U		Y	0.092	0.78	4
LB-07-COMP 1-0-4	17B0503-29	4-Chlorophenyl Phenyl Ether		U		Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4-Nitroaniline		U		Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4-Nitrophenol		U	UJ	Y	0.088	0.78	4
LB-07-COMP 1-0-4	17B0503-29	Acenaphthene		U		Y	0.06	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Acenaphthene-D10	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Acenaphthylene		U		Y	0.068	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Acetophenone		U		Y	0.079	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Aniline		U		Y	0.11	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Anthracene	0.32			Y	0.058	0.2	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-07-COMP 1-0-4	17B0503-29	Benzidine		U	UJ	Y	0.5	0.78	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(A)Anthracene	1.2			Y	0.053	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(A)Pyrene	1.2			Y	0.063	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(B)Fluoranthene	1.5			Y	0.057	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(G,H,I)Perylene	1.1			Y	0.089	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(K)Fluoranthene	0.58			Y	0.063	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzoic Acid		U		Y	0.21	1.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzyl Butyl Phthalate		U		Y	0.096	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Bis(2-Chloroethoxy) Methane		U		Y	0.077	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.079	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Bis(2-Chloroisopropyl) Ether		U		Y	0.087	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Carbazole	0.21			Y	0.052	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Chrysene	1.3			Y	0.063	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Chrysene-D12	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Dibenz(A,H)Anthracene		U		Y	0.12	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Dibenzofuran		U		Y	0.07	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Diethyl Phthalate		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Dimethyl Phthalate		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Di-N-Butyl Phthalate		U		Y	0.088	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Di-N-Octylphthalate		U		Y	0.21	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Fluoranthene	2.7			Y	0.066	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Fluorene		U		Y	0.065	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Hexachlorobenzene		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Hexachlorobutadiene		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Hexachlorocyclopentadiene		U		Y	0.085	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Hexachloroethane		U		Y	0.081	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Indeno(1,2,3-C,D)Pyrene	0.95			Y	0.14	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Isophorone		U		Y	0.078	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Naphthalene	0.25			Y	0.1	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Naphthalene-D8	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Nitrobenzene		U		Y	0.076	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Nitrobenzene-D5	28.9			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	N-Nitrosodimethylamine		U		Y	0.25	0.4	4
LB-07-COMP 1-0-4	17B0503-29	N-Nitrosodi-N-Propylamine		U		Y	0.083	0.4	4
LB-07-COMP 1-0-4	17B0503-29	N-Nitrosodiphenylamine		U		Y	0.083	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Pentachloronitrobenzene		U		Y	0.096	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Pentachlorophenol		U		Y	0.097	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Perylene-D12	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Phenanthrene	2.1			Y	0.1	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Phenanthrene-D10	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Phenol		U		Y	0.069	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Phenol-D6	51.6			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	Pyrene	2.9			Y	0.066	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Pyridine		U		Y	0.065	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Terphenyl-D14	70.7			Y		0.4	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,2,4-Trichlorobenzene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,2-Dichlorobenzene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,2-Diphenylhydrazine		U		Y	0.14	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,3-Dichlorobenzene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,4-Dichlorobenzene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1-Methylnaphthalene		U		Y	0.17	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4,5-Trichlorophenol		U		Y	0.2	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4,6-Tribromophenol	54.9			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4,6-Trichlorophenol		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4-Dichlorophenol		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4-Dimethylphenol		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4-Dinitrophenol		U		Y	0.49	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4-Dinitrotoluene		U		Y	0.14	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,6-Dinitrotoluene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Chloronaphthalene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Chlorophenol		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Fluorobiphenyl	58.7			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Fluorophenol	47.5			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Methylnaphthalene		U		Y	0.15	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Methylphenol (O-Cresol)		U		Y	0.22	0.87	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Nitroaniline		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Nitrophenol		U		Y	0.23	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	3- And 4- Methylphenol (Total)		U		Y	0.28	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	3,3'-Dichlorobenzidine		U		Y	0.13	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	3-Nitroaniline		U		Y	0.12	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.82	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Bromophenyl Phenyl Ether		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Chloro-3-Methylphenol		U		Y	0.19	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Chloroaniline		U		Y	0.2	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Nitroaniline		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Nitrophenol		U		Y	0.19	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Acenaphthene		U		Y	0.13	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Acenaphthene-D10	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Acenaphthylene		U		Y	0.15	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Acetophenone		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Aniline		U		Y	0.24	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Anthracene		U		Y	0.12	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzidine		U	UJ	Y	1.1	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(A)Anthracene		U		Y	0.11	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(A)Pyrene		U		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(B)Fluoranthene	0.52	D		Y	0.12	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(G,H,I)Perylene		U		Y	0.19	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(K)Fluoranthene		U		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzoic Acid		U		Y	0.46	2.5	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzyl Butyl Phthalate		U		Y	0.21	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.19	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.34	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Carbazole		U		Y	0.11	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Chrysene	0.45	D		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Chrysene-D12	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Dibenz(A,H)Anthracene		U		Y	0.26	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Dibenzofuran		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Diethyl Phthalate		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Dimethyl Phthalate		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Di-N-Butyl Phthalate		U		Y	0.19	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Di-N-Octylphthalate		U		Y	0.45	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Fluoranthene	1.1	D		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Fluorene		U		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Hexachlorobenzene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Hexachlorobutadiene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Hexachlorocyclopentadiene		U		Y	0.18	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Hexachloroethane		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.31	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Isophorone		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Naphthalene		U		Y	0.22	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Naphthalene-D8	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Nitrobenzene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Nitrobenzene-D5	14.8			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	N-Nitrosodimethylamine		U		Y	0.55	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	N-Nitrosodi-N-Propylamine		U		Y	0.18	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	N-Nitrosodiphenylamine		U		Y	0.18	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Pentachloronitrobenzene		U		Y	0.21	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Pentachlorophenol		U		Y	0.21	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Perylene-D12	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Phenanthrene	0.87	D		Y	0.22	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Phenanthrene-D10	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Phenol		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Phenol-D6	52.6			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Pyrene	0.86	D		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Pyridine		U		Y	0.14	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Terphenyl-D14	62			Y		0.87	4
LB-28-COMP 2-4-11	17B0503-51	1,2,4,5-Tetrachlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,2,4-Trichlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,2-Dichlorobenzene		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,2-Diphenylhydrazine		U		Y	0.069	0.43	4

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LB-28-COMP 2-4-11	17B0503-51	1,3-Dichlorobenzene		U		Y	0.073	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,4-Dichlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	1-Methylnaphthalene		U		Y	0.082	0.21	4
LB-28-COMP 2-4-11	17B0503-51	2,4,5-Trichlorophenol		U		Y	0.097	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4,6-Tribromophenol	68.9			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4,6-Trichlorophenol		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4-Dichlorophenol		U		Y	0.073	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4-Dimethylphenol		U		Y	0.079	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4-Dinitrophenol		U		Y	0.24	0.83	4
LB-28-COMP 2-4-11	17B0503-51	2,4-Dinitrotoluene		U		Y	0.069	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,6-Dinitrotoluene		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Chloronaphthalene		U		Y	0.081	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Chlorophenol		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Fluorobiphenyl	72.9			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Fluorophenol	53.5			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Methylnaphthalene		U		Y	0.074	0.21	4
LB-28-COMP 2-4-11	17B0503-51	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Nitroaniline		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Nitrophenol		U		Y	0.11	0.43	4
LB-28-COMP 2-4-11	17B0503-51	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-28-COMP 2-4-11	17B0503-51	3,3'-Dichlorobenzidine		U		Y	0.065	0.21	4
LB-28-COMP 2-4-11	17B0503-51	3-Nitroaniline		U		Y	0.062	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4-Bromophenyl Phenyl Ether		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4-Chloro-3-Methylphenol		U		Y	0.092	0.83	4
LB-28-COMP 2-4-11	17B0503-51	4-Chloroaniline		U		Y	0.098	0.83	4
LB-28-COMP 2-4-11	17B0503-51	4-Chlorophenyl Phenyl Ether		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4-Nitroaniline		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4-Nitrophenol		U		Y	0.093	0.83	4
LB-28-COMP 2-4-11	17B0503-51	Acenaphthene	0.28			Y	0.064	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Acenaphthene-D10	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Acenaphthylene		U		Y	0.072	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Acetophenone		U		Y	0.084	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Aniline		U		Y	0.12	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Anthracene		U		Y	0.062	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzidine		U	UJ	Y	0.53	0.83	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(A)Anthracene		U		Y	0.057	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(A)Pyrene		U		Y	0.067	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(B)Fluoranthene		U		Y	0.06	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(G,H,I)Perylene		U		Y	0.094	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(K)Fluoranthene		U		Y	0.067	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzoic Acid		U		Y	0.23	1.3	4
LB-28-COMP 2-4-11	17B0503-51	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Bis(2-Chloroethoxy) Methane		U		Y	0.082	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.084	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Bis(2-Chloroisopropyl) Ether		U		Y	0.092	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Carbazole		U		Y	0.055	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Chrysene		U		Y	0.067	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Chrysene-D12	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Dibenzofuran		U		Y	0.074	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Diethyl Phthalate		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Dimethyl Phthalate		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Di-N-Butyl Phthalate		U		Y	0.093	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Di-N-Octylphthalate		U		Y	0.22	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Fluoranthene	0.37			Y	0.07	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Fluorene		U		Y	0.069	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Hexachlorobenzene		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Hexachlorobutadiene		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Hexachlorocyclopentadiene		U		Y	0.091	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Hexachloroethane		U		Y	0.086	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Isophorone		U		Y	0.083	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Naphthalene		U		Y	0.11	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Naphthalene-D8	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Nitrobenzene		U		Y	0.081	0.43	4

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LB-28-COMP 2-4-11	17B0503-51	Nitrobenzene-D5	40.8			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-28-COMP 2-4-11	17B0503-51	N-Nitrosodi-N-Propylamine		U		Y	0.088	0.43	4
LB-28-COMP 2-4-11	17B0503-51	N-Nitrosodiphenylamine		U		Y	0.088	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Pentachloronitrobenzene		U		Y	0.1	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Pentachlorophenol		U		Y	0.1	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Perylene-D12	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Phenanthrene	0.27			Y	0.11	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Phenanthrene-D10	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Phenol		U		Y	0.073	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Phenol-D6	57.6			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	Pyrene	0.34			Y	0.07	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Pyridine		U		Y	0.069	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Terphenyl-D14	62.7			Y		0.43	4
LB-29-COMP 1-0-4	17B0503-52	1,2,4,5-Tetrachlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,2,4-Trichlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,2-Dichlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,2-Diphenylhydrazine		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,3-Dichlorobenzene		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,4-Dichlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,4-Dichlorobenzene-D4	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	1-Methylnaphthalene		U		Y	0.15	0.39	4
LB-29-COMP 1-0-4	17B0503-52	2,4,5-Trichlorophenol		U	UJ	Y	0.18	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4,6-Tribromophenol	12.7			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4,6-Trichlorophenol		U	UJ	Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4-Dichlorophenol		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4-Dimethylphenol		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4-Dinitrophenol		U	UJ	Y	0.45	1.5	4
LB-29-COMP 1-0-4	17B0503-52	2,4-Dinitrotoluene		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,6-Dinitrotoluene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Chloronaphthalene		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Chlorophenol		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Fluorobiphenyl	66.9			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Fluorophenol	48.1			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Methylnaphthalene		U		Y	0.14	0.39	4
LB-29-COMP 1-0-4	17B0503-52	2-Methylphenol (O-Cresol)		U		Y	0.2	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Nitroaniline		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Nitrophenol		U		Y	0.21	0.79	4
LB-29-COMP 1-0-4	17B0503-52	3- And 4- Methylphenol (Total)		U		Y	0.25	0.79	4
LB-29-COMP 1-0-4	17B0503-52	3,3'-Dichlorobenzidine		U		Y	0.12	0.39	4
LB-29-COMP 1-0-4	17B0503-52	3-Nitroaniline		U		Y	0.11	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4,6-Dinitro-2-Methylphenol		U		Y	0.75	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4-Bromophenyl Phenyl Ether		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4-Chloro-3-Methylphenol		U		Y	0.17	1.5	4
LB-29-COMP 1-0-4	17B0503-52	4-Chloroaniline		U		Y	0.18	1.5	4
LB-29-COMP 1-0-4	17B0503-52	4-Chlorophenyl Phenyl Ether		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4-Nitroaniline		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4-Nitrophenol		U	UJ	Y	0.17	1.5	4
LB-29-COMP 1-0-4	17B0503-52	Acenaphthene	0.57	D		Y	0.12	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Acenaphthene-D10	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Acenaphthylene		U		Y	0.13	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Acetophenone		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Aniline		U		Y	0.22	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Anthracene	0.86	D		Y	0.11	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzidine		U	UJ	Y	0.98	1.5	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(A)Anthracene	2.5	D		Y	0.1	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(A)Pyrene	2.1	D		Y	0.12	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(B)Fluoranthene	2.6	D		Y	0.11	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(G,H,I)Perylene	1.2	D		Y	0.17	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(K)Fluoranthene	1.1	D		Y	0.12	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzoic Acid		U		Y	0.42	2.3	4
LB-29-COMP 1-0-4	17B0503-52	Benzyl Butyl Phthalate		U		Y	0.19	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Bis(2-Chloroethoxy) Methane		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Bis(2-Chloroisopropyl) Ether		U		Y	0.17	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Bis(2-Ethylhexyl) Phthalate		U		Y	0.31	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Carbazole	0.57	D		Y	0.1	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Chrysene	2.5	D		Y	0.12	0.39	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-29-COMP 1-0-4	17B0503-52	Chrysene-D12	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Dibenz(A,H)Anthracene		U		Y	0.24	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Dibenzofuran		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Diethyl Phthalate		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Dimethyl Phthalate		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Di-N-Butyl Phthalate		U		Y	0.17	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Di-N-Octylphthalate		U		Y	0.41	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Fluoranthene	4.8	D		Y	0.13	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Fluorene	0.52	D		Y	0.13	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Hexachlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Hexachlorobutadiene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Hexachlorocyclopentadiene		U		Y	0.17	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Hexachloroethane		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Indeno(1,2,3-C,D)Pyrene	1.4	D		Y	0.28	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Isophorone		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Naphthalene	0.52	D		Y	0.2	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Naphthalene-D8	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Nitrobenzene		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Nitrobenzene-D5	57.4			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	N-Nitrosodimethylamine		U		Y	0.5	0.79	4
LB-29-COMP 1-0-4	17B0503-52	N-Nitrosodi-N-Propylamine		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	N-Nitrosodiphenylamine		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Pentachloronitrobenzene		U		Y	0.19	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Pentachlorophenol		U		Y	0.19	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Perylene-D12	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Phenanthrene	4.4	D		Y	0.2	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Phenanthrene-D10	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Phenol		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Phenol-D6	52.6			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	Pyrene	4.8	D		Y	0.13	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Pyridine		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Terphenyl-D14	66			Y		0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	1,2,4,5-Tetrachlorobenzene		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,2,4-Trichlorobenzene		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,2-Dichlorobenzene		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,2-Diphenylhydrazine		U		Y	0.066	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,3-Dichlorobenzene		U		Y	0.07	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,4-Dichlorobenzene		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	1-Methylnaphthalene		U		Y	0.078	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4,5-Trichlorophenol		U		Y	0.093	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4,6-Tribromophenol	59.9			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4,6-Trichlorophenol		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4-Dichlorophenol		U		Y	0.07	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4-Dimethylphenol		U		Y	0.076	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4-Dinitrophenol		U		Y	0.23	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4-Dinitrotoluene		U		Y	0.066	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,6-Dinitrotoluene		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Chloronaphthalene		U		Y	0.077	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Chlorophenol		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Fluorobiphenyl	80.8			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Fluorophenol	60.2			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Methylnaphthalene		U		Y	0.071	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Methylphenol (O-Cresol)		U		Y	0.1	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Nitroaniline		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Nitrophenol		U		Y	0.11	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	3- And 4- Methylphenol (Total)		U		Y	0.13	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	3,3'-Dichlorobenzidine		U		Y	0.062	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	3-Nitroaniline		U		Y	0.059	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4,6-Dinitro-2-Methylphenol		U		Y	0.39	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Bromophenyl Phenyl Ether		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Chloro-3-Methylphenol		U		Y	0.088	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Chloroaniline		U		Y	0.094	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Chlorophenyl Phenyl Ether		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Nitroaniline		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Nitrophenol		U		Y	0.089	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	Acenaphthene		U		Y	0.061	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Acenaphthene-D10	1.6			Y			4

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LB-29-COMP 2-4-9.3	17B0503-53	Acenaphthylene		U		Y	0.069	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Acetophenone		U		Y	0.081	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Aniline		U		Y	0.12	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Anthracene		U		Y	0.059	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzidine		U	UJ	Y	0.51	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(A)Anthracene		U		Y	0.054	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(A)Pyrene		U		Y	0.064	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(B)Fluoranthene		U		Y	0.058	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(G,H,I)Perylene		U		Y	0.09	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(K)Fluoranthene		U		Y	0.064	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzoic Acid		U		Y	0.22	1.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzyl Butyl Phthalate		U		Y	0.097	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Bis(2-Chloroethoxy) Methane		U		Y	0.078	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.081	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Bis(2-Chloroisopropyl) Ether		U		Y	0.088	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Carbazole		U		Y	0.053	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Chrysene		U		Y	0.064	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Chrysene-D12	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Dibenz(A,H)Anthracene		U		Y	0.12	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Dibenzofuran		U		Y	0.071	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Diethyl Phthalate		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Dimethyl Phthalate		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Di-N-Butyl Phthalate		U		Y	0.089	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Di-N-Octylphthalate		U		Y	0.21	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Fluoranthene		U		Y	0.067	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Fluorene		U		Y	0.066	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Hexachlorobenzene		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Hexachlorobutadiene		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Hexachlorocyclopentadiene		U		Y	0.087	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Hexachloroethane		U		Y	0.082	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Isophorone		U		Y	0.079	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Naphthalene		U		Y	0.1	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Naphthalene-D8	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Nitrobenzene		U		Y	0.077	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Nitrobenzene-D5	63.2			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	N-Nitrosodimethylamine		U		Y	0.26	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	N-Nitrosodi-N-Propylamine		U		Y	0.084	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	N-Nitrosodiphenylamine		U		Y	0.084	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Pentachloronitrobenzene		U		Y	0.097	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Pentachlorophenol		U		Y	0.099	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Perylene-D12	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Phenanthrene		U		Y	0.11	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Phenanthrene-D10	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Phenol		U		Y	0.07	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Phenol-D6	63.4			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Pyrene		U		Y	0.067	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Pyridine		U		Y	0.066	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Terphenyl-D14	88.9			Y		0.41	4
LB-13-COMP 3-10-15	17B0503-54	1,2,4,5-Tetrachlorobenzene		U		Y	0.076	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,2,4-Trichlorobenzene		U		Y	0.076	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,4-Dichlorobenzene		U		Y	0.076	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	1-Methylnaphthalene	0.29			Y	0.081	0.21	4
LB-13-COMP 3-10-15	17B0503-54	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4,6-Tribromophenol	24.4			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4,6-Trichlorophenol		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4-Dinitrophenol		U		Y	0.24	0.82	4
LB-13-COMP 3-10-15	17B0503-54	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Chlorophenol		U		Y	0.076	0.42	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-13-COMP 3-10-15	17B0503-54	2-Fluorobiphenyl	56.7			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Fluorophenol	37.5			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Methylnaphthalene	0.39		JL	Y	0.073	0.21	4
LB-13-COMP 3-10-15	17B0503-54	2-Methylphenol (O-Cresol)		U		Y	0.11	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Nitroaniline		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Nitrophenol		U		Y	0.11	0.42	4
LB-13-COMP 3-10-15	17B0503-54	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-13-COMP 3-10-15	17B0503-54	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-13-COMP 3-10-15	17B0503-54	3-Nitroaniline		U		Y	0.061	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4-Bromophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4-Chloro-3-Methylphenol		U		Y	0.09	0.82	4
LB-13-COMP 3-10-15	17B0503-54	4-Chloroaniline		U	UJ	Y	0.097	0.82	4
LB-13-COMP 3-10-15	17B0503-54	4-Chlorophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4-Nitroaniline		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4-Nitrophenol		U		Y	0.092	0.82	4
LB-13-COMP 3-10-15	17B0503-54	Acenaphthene		U		Y	0.063	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Acenaphthene-D10	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Acenaphthylene		U		Y	0.071	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Acetophenone		U		Y	0.083	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Aniline		U		Y	0.12	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Anthracene		U		Y	0.061	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzidine		U	UJ	Y	0.53	0.82	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(A)Anthracene	0.58			Y	0.056	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(A)Pyrene	0.48			Y	0.066	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(B)Fluoranthene	0.78			Y	0.059	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(G,H,I)Perylene	0.41			Y	0.093	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(K)Fluoranthene		U		Y	0.066	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzoic Acid		U		Y	0.22	1.2	4
LB-13-COMP 3-10-15	17B0503-54	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Bis(2-Chloroethoxy) Methane		U	UJ	Y	0.081	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Carbazole		U		Y	0.055	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Chrysene	0.65			Y	0.066	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Chrysene-D12	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Dibenzofuran		U		Y	0.073	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Diethyl Phthalate		U		Y	0.076	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Di-N-Butyl Phthalate		U		Y	0.092	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Fluoranthene	1.3			Y	0.069	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Fluorene	0.35			Y	0.068	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Hexachlorobutadiene		U	UJ	Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Hexachloroethane		U		Y	0.084	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Indeno(1,2,3-C,D)Pyrene	0.44			Y	0.15	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Isophorone		U	UJ	Y	0.082	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Naphthalene	0.48		JL	Y	0.11	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Naphthalene-D8	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Nitrobenzene		U	UJ	Y	0.079	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Nitrobenzene-D5	10.8			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-13-COMP 3-10-15	17B0503-54	N-Nitrosodi-N-Propylamine		U		Y	0.087	0.42	4
LB-13-COMP 3-10-15	17B0503-54	N-Nitrosodiphenylamine		U		Y	0.087	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Pentachlorophenol		U		Y	0.1	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Perylene-D12	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Phenanthrene	1.6			Y	0.11	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Phenanthrene-D10	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Phenol		U		Y	0.072	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Phenol-D6	44			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	Pyrene	1.3			Y	0.069	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Pyridine		U		Y	0.068	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Terphenyl-D14	48.2			Y		0.42	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170235-BLK1	B170235-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	1,2,4-Trichlorobenzene		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	1,2-Dichlorobenzene		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	1,2-Diphenylhydrazine		U		Y	0.055	0.34	4
B170235-BLK1	B170235-BLK1	1,3-Dichlorobenzene		U		Y	0.058	0.34	4
B170235-BLK1	B170235-BLK1	1,4-Dichlorobenzene		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	1,4-Dichlorobenzene-D4	1.3			Y			4
B170235-BLK1	B170235-BLK1	1-Methylnaphthalene		U		Y	0.065	0.17	4
B170235-BLK1	B170235-BLK1	2,4,5-Trichlorophenol		U		Y	0.077	0.34	4
B170235-BLK1	B170235-BLK1	2,4,6-Tribromophenol	95.3			Y		0.34	4
B170235-BLK1	B170235-BLK1	2,4,6-Trichlorophenol		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	2,4-Dichlorophenol		U		Y	0.058	0.34	4
B170235-BLK1	B170235-BLK1	2,4-Dimethylphenol		U		Y	0.063	0.34	4
B170235-BLK1	B170235-BLK1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170235-BLK1	B170235-BLK1	2,4-Dinitrotoluene		U		Y	0.055	0.34	4
B170235-BLK1	B170235-BLK1	2,6-Dinitrotoluene		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	2-Chloronaphthalene		U		Y	0.064	0.34	4
B170235-BLK1	B170235-BLK1	2-Chlorophenol		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	2-Fluorobiphenyl	89.3			Y		0.34	4
B170235-BLK1	B170235-BLK1	2-Fluorophenol	75.2			Y		0.34	4
B170235-BLK1	B170235-BLK1	2-Methylnaphthalene		U		Y	0.059	0.17	4
B170235-BLK1	B170235-BLK1	2-Methylphenol (O-Cresol)		U		Y	0.085	0.34	4
B170235-BLK1	B170235-BLK1	2-Nitroaniline		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	2-Nitrophenol		U		Y	0.09	0.34	4
B170235-BLK1	B170235-BLK1	3- And 4- Methylphenol (Total)		U		Y	0.11	0.34	4
B170235-BLK1	B170235-BLK1	3,3'-Dichlorobenzidine		U		Y	0.052	0.17	4
B170235-BLK1	B170235-BLK1	3-Nitroaniline		U		Y	0.049	0.34	4
B170235-BLK1	B170235-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	0.32	0.34	4
B170235-BLK1	B170235-BLK1	4-Bromophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	4-Chloro-3-Methylphenol		U		Y	0.073	0.66	4
B170235-BLK1	B170235-BLK1	4-Chloroaniline		U		Y	0.078	0.66	4
B170235-BLK1	B170235-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	4-Nitroaniline		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	4-Nitrophenol		U		Y	0.074	0.66	4
B170235-BLK1	B170235-BLK1	Acenaphthene		U		Y	0.051	0.17	4
B170235-BLK1	B170235-BLK1	Acenaphthene-D10	1.3			Y			4
B170235-BLK1	B170235-BLK1	Acenaphthylene		U		Y	0.057	0.17	4
B170235-BLK1	B170235-BLK1	Acetophenone		U		Y	0.067	0.34	4
B170235-BLK1	B170235-BLK1	Aniline		U		Y	0.096	0.34	4
B170235-BLK1	B170235-BLK1	Anthracene		U		Y	0.049	0.17	4
B170235-BLK1	B170235-BLK1	Benzidine		U	UJ	Y	0.42	0.66	4
B170235-BLK1	B170235-BLK1	Benzo(A)Anthracene		U		Y	0.045	0.17	4
B170235-BLK1	B170235-BLK1	Benzo(A)Pyrene		U		Y	0.053	0.17	4
B170235-BLK1	B170235-BLK1	Benzo(B)Fluoranthene		U		Y	0.048	0.17	4
B170235-BLK1	B170235-BLK1	Benzo(G,H,I)Perylene		U		Y	0.075	0.17	4
B170235-BLK1	B170235-BLK1	Benzo(K)Fluoranthene		U		Y	0.053	0.17	4
B170235-BLK1	B170235-BLK1	Benzoic Acid		U		Y	0.18	1	4
B170235-BLK1	B170235-BLK1	Benzyl Butyl Phthalate		U		Y	0.081	0.34	4
B170235-BLK1	B170235-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	0.065	0.34	4
B170235-BLK1	B170235-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.067	0.34	4
B170235-BLK1	B170235-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	0.073	0.34	4
B170235-BLK1	B170235-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.13	0.34	4
B170235-BLK1	B170235-BLK1	Carbazole		U		Y	0.044	0.17	4
B170235-BLK1	B170235-BLK1	Chrysene		U		Y	0.053	0.17	4
B170235-BLK1	B170235-BLK1	Chrysene-D12	1.3			Y			4
B170235-BLK1	B170235-BLK1	Dibenz(A,H)Anthracene		U		Y	0.1	0.17	4
B170235-BLK1	B170235-BLK1	Dibenzofuran		U		Y	0.059	0.34	4
B170235-BLK1	B170235-BLK1	Diethyl Phthalate		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	Dimethyl Phthalate		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	Di-N-Butyl Phthalate		U		Y	0.074	0.34	4
B170235-BLK1	B170235-BLK1	Di-N-Octylphthalate		U		Y	0.18	0.34	4
B170235-BLK1	B170235-BLK1	Fluoranthene		U		Y	0.056	0.17	4
B170235-BLK1	B170235-BLK1	Fluorene		U		Y	0.055	0.17	4
B170235-BLK1	B170235-BLK1	Hexachlorobenzene		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	Hexachlorobutadiene		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	Hexachlorocyclopentadiene		U		Y	0.072	0.34	4
B170235-BLK1	B170235-BLK1	Hexachloroethane		U		Y	0.068	0.34	4
B170235-BLK1	B170235-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.12	0.17	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170235-BLK1	B170235-BLK1	Isophorone		U		Y	0.066	0.34	4
B170235-BLK1	B170235-BLK1	Naphthalene		U		Y	0.087	0.17	4
B170235-BLK1	B170235-BLK1	Naphthalene-D8	1.3			Y			4
B170235-BLK1	B170235-BLK1	Nitrobenzene		U		Y	0.064	0.34	4
B170235-BLK1	B170235-BLK1	Nitrobenzene-D5	73.1			Y		0.34	4
B170235-BLK1	B170235-BLK1	N-Nitrosodimethylamine		U		Y	0.22	0.34	4
B170235-BLK1	B170235-BLK1	N-Nitrosodi-N-Propylamine		U		Y	0.07	0.34	4
B170235-BLK1	B170235-BLK1	N-Nitrosodiphenylamine		U		Y	0.07	0.34	4
B170235-BLK1	B170235-BLK1	Pentachloronitrobenzene		U		Y	0.081	0.34	4
B170235-BLK1	B170235-BLK1	Pentachlorophenol		U		Y	0.082	0.34	4
B170235-BLK1	B170235-BLK1	Perylene-D12	1.3			Y			4
B170235-BLK1	B170235-BLK1	Phenanthrene		U		Y	0.088	0.17	4
B170235-BLK1	B170235-BLK1	Phenanthrene-D10	1.3			Y			4
B170235-BLK1	B170235-BLK1	Phenol		U		Y	0.058	0.34	4
B170235-BLK1	B170235-BLK1	Phenol-D6	77.1			Y		0.34	4
B170235-BLK1	B170235-BLK1	Pyrene		U		Y	0.056	0.17	4
B170235-BLK1	B170235-BLK1	Pyridine		U		Y	0.055	0.34	4
B170235-BLK1	B170235-BLK1	Terphenyl-D14	95.8			Y		0.34	4
B170235-BS1	B170235-BS1	1,2,4,5-Tetrachlorobenzene	1.29			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	1,2,4-Trichlorobenzene	1.1			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	1,2-Dichlorobenzene	0.998			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	1,2-Diphenylhydrazine	1.22			Y	0.055	0.34	4
B170235-BS1	B170235-BS1	1,3-Dichlorobenzene	0.956			Y	0.058	0.34	4
B170235-BS1	B170235-BS1	1,4-Dichlorobenzene	0.973			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170235-BS1	B170235-BS1	1-Methylnaphthalene	1.07			Y	0.065	0.17	4
B170235-BS1	B170235-BS1	2,4,5-Trichlorophenol	1.32			Y	0.077	0.34	4
B170235-BS1	B170235-BS1	2,4,6-Tribromophenol	91.2			Y		0.34	4
B170235-BS1	B170235-BS1	2,4,6-Trichlorophenol	1.33			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	2,4-Dichlorophenol	1.14			Y	0.058	0.34	4
B170235-BS1	B170235-BS1	2,4-Dimethylphenol	1.1			Y	0.063	0.34	4
B170235-BS1	B170235-BS1	2,4-Dinitrophenol	1.05			Y	0.19	0.66	4
B170235-BS1	B170235-BS1	2,4-Dinitrotoluene	1.35			Y	0.055	0.34	4
B170235-BS1	B170235-BS1	2,6-Dinitrotoluene	1.39			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	2-Chloronaphthalene	1.19			Y	0.064	0.34	4
B170235-BS1	B170235-BS1	2-Chlorophenol	1.09			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	2-Fluorobiphenyl	84.1			Y		0.34	4
B170235-BS1	B170235-BS1	2-Fluorophenol	70.4			Y		0.34	4
B170235-BS1	B170235-BS1	2-Methylnaphthalene	1.15			Y	0.059	0.17	4
B170235-BS1	B170235-BS1	2-Methylphenol (O-Cresol)	1.1			Y	0.085	0.34	4
B170235-BS1	B170235-BS1	2-Nitroaniline	1.26			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	2-Nitrophenol	1.11			Y	0.09	0.34	4
B170235-BS1	B170235-BS1	3- And 4- Methylphenol (Total)	1.11			Y	0.11	0.34	4
B170235-BS1	B170235-BS1	3,3'-Dichlorobenzidine	0.832			Y	0.052	0.17	4
B170235-BS1	B170235-BS1	3-Nitroaniline	1.07			Y	0.049	0.34	4
B170235-BS1	B170235-BS1	4,6-Dinitro-2-Methylphenol	1.13			Y	0.32	0.34	4
B170235-BS1	B170235-BS1	4-Bromophenyl Phenyl Ether	1.21			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	4-Chloro-3-Methylphenol	1.11			Y	0.073	0.66	4
B170235-BS1	B170235-BS1	4-Chloroaniline		U		Y	0.078	0.66	4
B170235-BS1	B170235-BS1	4-Chlorophenyl Phenyl Ether	1.32			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	4-Nitroaniline	1.29			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	4-Nitrophenol	1.3			Y	0.074	0.66	4
B170235-BS1	B170235-BS1	Acenaphthene	1.25			Y	0.051	0.17	4
B170235-BS1	B170235-BS1	Acenaphthene-D10	1.33			Y			4
B170235-BS1	B170235-BS1	Acenaphthylene	1.26			Y	0.057	0.17	4
B170235-BS1	B170235-BS1	Acetophenone	1.06			Y	0.067	0.34	4
B170235-BS1	B170235-BS1	Aniline	0.717			Y	0.096	0.34	4
B170235-BS1	B170235-BS1	Anthracene	1.19			Y	0.049	0.17	4
B170235-BS1	B170235-BS1	Benzidine	0.958		J	Y	0.42	0.66	4
B170235-BS1	B170235-BS1	Benzo(A)Anthracene	1.24			Y	0.045	0.17	4
B170235-BS1	B170235-BS1	Benzo(A)Pyrene	1.16			Y	0.053	0.17	4
B170235-BS1	B170235-BS1	Benzo(B)Fluoranthene	1.14			Y	0.048	0.17	4
B170235-BS1	B170235-BS1	Benzo(G,H,I)Perylene	1.24			Y	0.075	0.17	4
B170235-BS1	B170235-BS1	Benzo(K)Fluoranthene	1.14			Y	0.053	0.17	4
B170235-BS1	B170235-BS1	Benzoic Acid		U		Y	0.18	1	4
B170235-BS1	B170235-BS1	Benzyl Butyl Phthalate	1.29			Y	0.081	0.34	4
B170235-BS1	B170235-BS1	Bis(2-Chloroethoxy) Methane	1.15			Y	0.065	0.34	4
B170235-BS1	B170235-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.1			Y	0.067	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170235-BS1	B170235-BS1	Bis(2-Chloroisopropyl) Ether	0.999			Y	0.073	0.34	4
B170235-BS1	B170235-BS1	Bis(2-Ethylhexyl) Phthalate	1.2			Y	0.13	0.34	4
B170235-BS1	B170235-BS1	Carbazole	1.15			Y	0.044	0.17	4
B170235-BS1	B170235-BS1	Chrysene	1.18			Y	0.053	0.17	4
B170235-BS1	B170235-BS1	Chrysene-D12	1.33			Y			4
B170235-BS1	B170235-BS1	Dibenz(A,H)Anthracene	1.2			Y	0.1	0.17	4
B170235-BS1	B170235-BS1	Dibenzofuran	1.33			Y	0.059	0.34	4
B170235-BS1	B170235-BS1	Diethyl Phthalate	1.3			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	Dimethyl Phthalate	1.31			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	Di-N-Butyl Phthalate	1.15			Y	0.074	0.34	4
B170235-BS1	B170235-BS1	Di-N-Octylphthalate	1.09			Y	0.18	0.34	4
B170235-BS1	B170235-BS1	Fluoranthene	1.15			Y	0.056	0.17	4
B170235-BS1	B170235-BS1	Fluorene	1.29			Y	0.055	0.17	4
B170235-BS1	B170235-BS1	Hexachlorobenzene	1.16			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	Hexachlorobutadiene	1.1			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	Hexachlorocyclopentadiene	1.16			Y	0.072	0.34	4
B170235-BS1	B170235-BS1	Hexachloroethane	0.979			Y	0.068	0.34	4
B170235-BS1	B170235-BS1	Indeno(1,2,3-C,D)Pyrene	1.19			Y	0.12	0.17	4
B170235-BS1	B170235-BS1	Isophorone	1.1			Y	0.066	0.34	4
B170235-BS1	B170235-BS1	Naphthalene	1.07			Y	0.087	0.17	4
B170235-BS1	B170235-BS1	Naphthalene-D8	1.33			Y			4
B170235-BS1	B170235-BS1	Nitrobenzene	1.08			Y	0.064	0.34	4
B170235-BS1	B170235-BS1	Nitrobenzene-D5	69.2			Y		0.34	4
B170235-BS1	B170235-BS1	N-Nitrosodimethylamine	0.984			Y	0.22	0.34	4
B170235-BS1	B170235-BS1	N-Nitrosodi-N-Propylamine	1.06			Y	0.07	0.34	4
B170235-BS1	B170235-BS1	N-Nitrosodiphenylamine	1.65			Y	0.07	0.34	4
B170235-BS1	B170235-BS1	Pentachloronitrobenzene	1.22			Y	0.081	0.34	4
B170235-BS1	B170235-BS1	Pentachlorophenol	1.08			Y	0.082	0.34	4
B170235-BS1	B170235-BS1	Perylene-D12	1.33			Y			4
B170235-BS1	B170235-BS1	Phenanthrene	1.18			Y	0.088	0.17	4
B170235-BS1	B170235-BS1	Phenanthrene-D10	1.33			Y			4
B170235-BS1	B170235-BS1	Phenol	1.09			Y	0.058	0.34	4
B170235-BS1	B170235-BS1	Phenol-D6	71.5			Y		0.34	4
B170235-BS1	B170235-BS1	Pyrene	1.34			Y	0.056	0.17	4
B170235-BS1	B170235-BS1	Pyridine	0.718			Y	0.055	0.34	4
B170235-BS1	B170235-BS1	Terphenyl-D14	86.5			Y		0.34	4
B170235-BSD1	B170235-BSD1	1,2,4,5-Tetrachlorobenzene	1.2			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	1,2,4-Trichlorobenzene	1.03			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	1,2-Dichlorobenzene	0.977			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	1,2-Diphenylhydrazine	1.15			Y	0.055	0.34	4
B170235-BSD1	B170235-BSD1	1,3-Dichlorobenzene	0.93			Y	0.058	0.34	4
B170235-BSD1	B170235-BSD1	1,4-Dichlorobenzene	0.953			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170235-BSD1	B170235-BSD1	1-Methylnaphthalene	0.986			Y	0.065	0.17	4
B170235-BSD1	B170235-BSD1	2,4,5-Trichlorophenol	1.24			Y	0.077	0.34	4
B170235-BSD1	B170235-BSD1	2,4,6-Tribromophenol	81.7			Y		0.34	4
B170235-BSD1	B170235-BSD1	2,4,6-Trichlorophenol	1.26			Y	0.057	0.34	4
B170235-BSD1	B170235-BSD1	2,4-Dichlorophenol	1.07			Y	0.058	0.34	4
B170235-BSD1	B170235-BSD1	2,4-Dimethylphenol	1.01			Y	0.063	0.34	4
B170235-BSD1	B170235-BSD1	2,4-Dinitrophenol	1.06			Y	0.19	0.66	4
B170235-BSD1	B170235-BSD1	2,4-Dinitrotoluene	1.27			Y	0.055	0.34	4
B170235-BSD1	B170235-BSD1	2,6-Dinitrotoluene	1.3			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	2-Chloronaphthalene	1.06			Y	0.064	0.34	4
B170235-BSD1	B170235-BSD1	2-Chlorophenol	1.04			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	2-Fluorobiphenyl	76.6			Y		0.34	4
B170235-BSD1	B170235-BSD1	2-Fluorophenol	65.4			Y		0.34	4
B170235-BSD1	B170235-BSD1	2-Methylnaphthalene	1.08			Y	0.059	0.17	4
B170235-BSD1	B170235-BSD1	2-Methylphenol (O-Cresol)	1.04			Y	0.085	0.34	4
B170235-BSD1	B170235-BSD1	2-Nitroaniline	1.22			Y	0.057	0.34	4
B170235-BSD1	B170235-BSD1	2-Nitrophenol	1.05			Y	0.09	0.34	4
B170235-BSD1	B170235-BSD1	3- And 4- Methylphenol (Total)	1.06			Y	0.11	0.34	4
B170235-BSD1	B170235-BSD1	3,3'-Dichlorobenzidine	0.708			Y	0.052	0.17	4
B170235-BSD1	B170235-BSD1	3-Nitroaniline	0.922			Y	0.049	0.34	4
B170235-BSD1	B170235-BSD1	4,6-Dinitro-2-Methylphenol	1.09			Y	0.32	0.34	4
B170235-BSD1	B170235-BSD1	4-Bromophenyl Phenyl Ether	1.13			Y	0.057	0.34	4
B170235-BSD1	B170235-BSD1	4-Chloro-3-Methylphenol	1.04			Y	0.073	0.66	4
B170235-BSD1	B170235-BSD1	4-Chloroaniline		U		Y	0.078	0.66	4
B170235-BSD1	B170235-BSD1	4-Chlorophenyl Phenyl Ether	1.25			Y	0.057	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170235-BSD1	B170235-BSD1	4-Nitroaniline	1.22			Y	0.057	0.34	4
B170235-BSD1	B170235-BSD1	4-Nitrophenol	1.25			Y	0.074	0.66	4
B170235-BSD1	B170235-BSD1	Acenaphthene	1.18			Y	0.051	0.17	4
B170235-BSD1	B170235-BSD1	Acenaphthene-D10	1.33			Y			4
B170235-BSD1	B170235-BSD1	Acenaphthylene	1.18			Y	0.057	0.17	4
B170235-BSD1	B170235-BSD1	Acetophenone	1.03			Y	0.067	0.34	4
B170235-BSD1	B170235-BSD1	Aniline	0.622			Y	0.096	0.34	4
B170235-BSD1	B170235-BSD1	Anthracene	1.12			Y	0.049	0.17	4
B170235-BSD1	B170235-BSD1	Benzidine	0.708		J	Y	0.42	0.66	4
B170235-BSD1	B170235-BSD1	Benzo(A)Anthracene	1.19			Y	0.045	0.17	4
B170235-BSD1	B170235-BSD1	Benzo(A)Pyrene	1.11			Y	0.053	0.17	4
B170235-BSD1	B170235-BSD1	Benzo(B)Fluoranthene	1.08			Y	0.048	0.17	4
B170235-BSD1	B170235-BSD1	Benzo(G,H,I)Perylene	1.2			Y	0.075	0.17	4
B170235-BSD1	B170235-BSD1	Benzo(K)Fluoranthene	1.08			Y	0.053	0.17	4
B170235-BSD1	B170235-BSD1	Benzoic Acid		U		Y	0.18	1	4
B170235-BSD1	B170235-BSD1	Benzyl Butyl Phthalate	1.22			Y	0.081	0.34	4
B170235-BSD1	B170235-BSD1	Bis(2-Chloroethoxy) Methane	1.08			Y	0.065	0.34	4
B170235-BSD1	B170235-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.05			Y	0.067	0.34	4
B170235-BSD1	B170235-BSD1	Bis(2-Chloroisopropyl) Ether	0.974			Y	0.073	0.34	4
B170235-BSD1	B170235-BSD1	Bis(2-Ethylhexyl) Phthalate	1.14			Y	0.13	0.34	4
B170235-BSD1	B170235-BSD1	Carbazole	1.09			Y	0.044	0.17	4
B170235-BSD1	B170235-BSD1	Chrysene	1.11			Y	0.053	0.17	4
B170235-BSD1	B170235-BSD1	Chrysene-D12	1.33			Y			4
B170235-BSD1	B170235-BSD1	Dibenz(A,H)Anthracene	1.15			Y	0.1	0.17	4
B170235-BSD1	B170235-BSD1	Dibenzofuran	1.25			Y	0.059	0.34	4
B170235-BSD1	B170235-BSD1	Diethyl Phthalate	1.23			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	Dimethyl Phthalate	1.23			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	Di-N-Butyl Phthalate	1.1			Y	0.074	0.34	4
B170235-BSD1	B170235-BSD1	Di-N-Octylphthalate	1.06			Y	0.18	0.34	4
B170235-BSD1	B170235-BSD1	Fluoranthene	1.09			Y	0.056	0.17	4
B170235-BSD1	B170235-BSD1	Fluorene	1.22			Y	0.055	0.17	4
B170235-BSD1	B170235-BSD1	Hexachlorobenzene	1.08			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	Hexachlorobutadiene	1.04			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	Hexachlorocyclopentadiene	1.06			Y	0.072	0.34	4
B170235-BSD1	B170235-BSD1	Hexachloroethane	0.946			Y	0.068	0.34	4
B170235-BSD1	B170235-BSD1	Indeno(1,2,3-C,D)Pyrene	1.15			Y	0.12	0.17	4
B170235-BSD1	B170235-BSD1	Isophorone	1.04			Y	0.066	0.34	4
B170235-BSD1	B170235-BSD1	Naphthalene	1.01			Y	0.087	0.17	4
B170235-BSD1	B170235-BSD1	Naphthalene-D8	1.33			Y			4
B170235-BSD1	B170235-BSD1	Nitrobenzene	1.02			Y	0.064	0.34	4
B170235-BSD1	B170235-BSD1	Nitrobenzene-D5	64			Y		0.34	4
B170235-BSD1	B170235-BSD1	N-Nitrosodimethylamine	0.975			Y	0.22	0.34	4
B170235-BSD1	B170235-BSD1	N-Nitrosodi-N-Propylamine	1.03			Y	0.07	0.34	4
B170235-BSD1	B170235-BSD1	N-Nitrosodiphenylamine	1.53			Y	0.07	0.34	4
B170235-BSD1	B170235-BSD1	Pentachloronitrobenzene	1.13			Y	0.081	0.34	4
B170235-BSD1	B170235-BSD1	Pentachlorophenol	0.976			Y	0.082	0.34	4
B170235-BSD1	B170235-BSD1	Perylene-D12	1.33			Y			4
B170235-BSD1	B170235-BSD1	Phenanthrene	1.11			Y	0.088	0.17	4
B170235-BSD1	B170235-BSD1	Phenanthrene-D10	1.33			Y			4
B170235-BSD1	B170235-BSD1	Phenol	1.03			Y	0.058	0.34	4
B170235-BSD1	B170235-BSD1	Phenol-D6	65.7			Y		0.34	4
B170235-BSD1	B170235-BSD1	Pyrene	1.27			Y	0.056	0.17	4
B170235-BSD1	B170235-BSD1	Pyridine	0.724			Y	0.055	0.34	4
B170235-BSD1	B170235-BSD1	Terphenyl-D14	78.3			Y		0.34	4
B170411-BLK1	B170411-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	1,2,4-Trichlorobenzene		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	1,2-Dichlorobenzene		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	1,2-Diphenylhydrazine		U		Y	0.055	0.34	4
B170411-BLK1	B170411-BLK1	1,3-Dichlorobenzene		U		Y	0.058	0.34	4
B170411-BLK1	B170411-BLK1	1,4-Dichlorobenzene		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	1,4-Dichlorobenzene-D4	1.3			Y			4
B170411-BLK1	B170411-BLK1	1-Methylnaphthalene		U		Y	0.065	0.17	4
B170411-BLK1	B170411-BLK1	2,4,5-Trichlorophenol		U		Y	0.077	0.34	4
B170411-BLK1	B170411-BLK1	2,4,6-Tribromophenol	83			Y		0.34	4
B170411-BLK1	B170411-BLK1	2,4,6-Trichlorophenol		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	2,4-Dichlorophenol		U		Y	0.058	0.34	4
B170411-BLK1	B170411-BLK1	2,4-Dimethylphenol		U		Y	0.063	0.34	4
B170411-BLK1	B170411-BLK1	2,4-Dinitrophenol		U		Y	0.19	0.66	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170411-BLK1	B170411-BLK1	2,4-Dinitrotoluene		U		Y	0.055	0.34	4
B170411-BLK1	B170411-BLK1	2,6-Dinitrotoluene		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	2-Chloronaphthalene		U		Y	0.064	0.34	4
B170411-BLK1	B170411-BLK1	2-Chlorophenol		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	2-Fluorobiphenyl	87.9			Y		0.34	4
B170411-BLK1	B170411-BLK1	2-Fluorophenol	73.2			Y		0.34	4
B170411-BLK1	B170411-BLK1	2-Methylnaphthalene		U		Y	0.059	0.17	4
B170411-BLK1	B170411-BLK1	2-Methylphenol (O-Cresol)		U		Y	0.085	0.34	4
B170411-BLK1	B170411-BLK1	2-Nitroaniline		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	2-Nitrophenol		U		Y	0.09	0.34	4
B170411-BLK1	B170411-BLK1	3- And 4- Methylphenol (Total)		U		Y	0.11	0.34	4
B170411-BLK1	B170411-BLK1	3,3'-Dichlorobenzidine		U		Y	0.052	0.17	4
B170411-BLK1	B170411-BLK1	3-Nitroaniline		U		Y	0.049	0.34	4
B170411-BLK1	B170411-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	0.32	0.34	4
B170411-BLK1	B170411-BLK1	4-Bromophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	4-Chloro-3-Methylphenol		U		Y	0.073	0.66	4
B170411-BLK1	B170411-BLK1	4-Chloroaniline		U		Y	0.078	0.66	4
B170411-BLK1	B170411-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	4-Nitroaniline		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	4-Nitrophenol		U		Y	0.074	0.66	4
B170411-BLK1	B170411-BLK1	Acenaphthene		U		Y	0.051	0.17	4
B170411-BLK1	B170411-BLK1	Acenaphthene-D10	1.3			Y			4
B170411-BLK1	B170411-BLK1	Acenaphthylene		U		Y	0.057	0.17	4
B170411-BLK1	B170411-BLK1	Acetophenone		U		Y	0.067	0.34	4
B170411-BLK1	B170411-BLK1	Aniline		U		Y	0.096	0.34	4
B170411-BLK1	B170411-BLK1	Anthracene		U		Y	0.049	0.17	4
B170411-BLK1	B170411-BLK1	Benzidine		U	UJ	Y	0.42	0.66	4
B170411-BLK1	B170411-BLK1	Benzo(A)Anthracene		U		Y	0.045	0.17	4
B170411-BLK1	B170411-BLK1	Benzo(A)Pyrene		U		Y	0.053	0.17	4
B170411-BLK1	B170411-BLK1	Benzo(B)Fluoranthene		U		Y	0.048	0.17	4
B170411-BLK1	B170411-BLK1	Benzo(G,H,I)Perylene		U		Y	0.075	0.17	4
B170411-BLK1	B170411-BLK1	Benzo(K)Fluoranthene		U		Y	0.053	0.17	4
B170411-BLK1	B170411-BLK1	Benzoic Acid		U		Y	0.18	1	4
B170411-BLK1	B170411-BLK1	Benzyl Butyl Phthalate		U		Y	0.081	0.34	4
B170411-BLK1	B170411-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	0.065	0.34	4
B170411-BLK1	B170411-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.067	0.34	4
B170411-BLK1	B170411-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	0.073	0.34	4
B170411-BLK1	B170411-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.13	0.34	4
B170411-BLK1	B170411-BLK1	Carbazole		U		Y	0.044	0.17	4
B170411-BLK1	B170411-BLK1	Chrysene		U		Y	0.053	0.17	4
B170411-BLK1	B170411-BLK1	Chrysene-D12	1.3			Y			4
B170411-BLK1	B170411-BLK1	Dibenz(A,H)Anthracene		U		Y	0.1	0.17	4
B170411-BLK1	B170411-BLK1	Dibenzofuran		U		Y	0.059	0.34	4
B170411-BLK1	B170411-BLK1	Diethyl Phthalate		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	Dimethyl Phthalate		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	Di-N-Butyl Phthalate		U		Y	0.074	0.34	4
B170411-BLK1	B170411-BLK1	Di-N-Octylphthalate		U		Y	0.18	0.34	4
B170411-BLK1	B170411-BLK1	Fluoranthene		U		Y	0.056	0.17	4
B170411-BLK1	B170411-BLK1	Fluorene		U		Y	0.055	0.17	4
B170411-BLK1	B170411-BLK1	Hexachlorobenzene		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	Hexachlorobutadiene		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	Hexachlorocyclopentadiene		U		Y	0.072	0.34	4
B170411-BLK1	B170411-BLK1	Hexachloroethane		U		Y	0.068	0.34	4
B170411-BLK1	B170411-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.12	0.17	4
B170411-BLK1	B170411-BLK1	Isophorone		U		Y	0.066	0.34	4
B170411-BLK1	B170411-BLK1	Naphthalene		U		Y	0.087	0.17	4
B170411-BLK1	B170411-BLK1	Naphthalene-D8	1.3			Y			4
B170411-BLK1	B170411-BLK1	Nitrobenzene		U		Y	0.064	0.34	4
B170411-BLK1	B170411-BLK1	Nitrobenzene-D5	73.2			Y		0.34	4
B170411-BLK1	B170411-BLK1	N-Nitrosodimethylamine		U		Y	0.22	0.34	4
B170411-BLK1	B170411-BLK1	N-Nitrosodi-N-Propylamine		U		Y	0.07	0.34	4
B170411-BLK1	B170411-BLK1	N-Nitrosodiphenylamine		U		Y	0.07	0.34	4
B170411-BLK1	B170411-BLK1	Pentachloronitrobenzene		U		Y	0.081	0.34	4
B170411-BLK1	B170411-BLK1	Pentachlorophenol		U		Y	0.082	0.34	4
B170411-BLK1	B170411-BLK1	Perylene-D12	1.3			Y			4
B170411-BLK1	B170411-BLK1	Phenanthrene		U		Y	0.088	0.17	4
B170411-BLK1	B170411-BLK1	Phenanthrene-D10	1.3			Y			4
B170411-BLK1	B170411-BLK1	Phenol		U		Y	0.058	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170411-BLK1	B170411-BLK1	Phenol-D6	75.2			Y		0.34	4
B170411-BLK1	B170411-BLK1	Pyrene		U		Y	0.056	0.17	4
B170411-BLK1	B170411-BLK1	Pyridine		U		Y	0.055	0.34	4
B170411-BLK1	B170411-BLK1	Terphenyl-D14	88.9			Y		0.34	4
B170411-BS1	B170411-BS1	1,2,4,5-Tetrachlorobenzene	1.38			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	1,2,4-Trichlorobenzene	1.14			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	1,2-Dichlorobenzene	1.09			Y	0.06	0.34	4
B170411-BS1	B170411-BS1	1,2-Diphenylhydrazine	1.41			Y	0.055	0.34	4
B170411-BS1	B170411-BS1	1,3-Dichlorobenzene	1.07			Y	0.058	0.34	4
B170411-BS1	B170411-BS1	1,4-Dichlorobenzene	1.07			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170411-BS1	B170411-BS1	1-Methylnaphthalene	1.16			Y	0.065	0.17	4
B170411-BS1	B170411-BS1	2,4,5-Trichlorophenol	1.41			Y	0.077	0.34	4
B170411-BS1	B170411-BS1	2,4,6-Tribromophenol	97.1			Y		0.34	4
B170411-BS1	B170411-BS1	2,4,6-Trichlorophenol	1.44			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	2,4-Dichlorophenol	1.21			Y	0.058	0.34	4
B170411-BS1	B170411-BS1	2,4-Dimethylphenol	1.19			Y	0.063	0.34	4
B170411-BS1	B170411-BS1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170411-BS1	B170411-BS1	2,4-Dinitrotoluene	1.51			Y	0.055	0.34	4
B170411-BS1	B170411-BS1	2,6-Dinitrotoluene	1.56			Y	0.06	0.34	4
B170411-BS1	B170411-BS1	2-Chloronaphthalene	1.28			Y	0.064	0.34	4
B170411-BS1	B170411-BS1	2-Chlorophenol	1.13			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	2-Fluorobiphenyl	91.2			Y		0.34	4
B170411-BS1	B170411-BS1	2-Fluorophenol	74.8			Y		0.34	4
B170411-BS1	B170411-BS1	2-Methylnaphthalene	1.27			Y	0.059	0.17	4
B170411-BS1	B170411-BS1	2-Methylphenol (O-Cresol)	1.18			Y	0.085	0.34	4
B170411-BS1	B170411-BS1	2-Nitroaniline	1.44			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	2-Nitrophenol	1.13			Y	0.09	0.34	4
B170411-BS1	B170411-BS1	3- And 4- Methylphenol (Total)	1.23			Y	0.11	0.34	4
B170411-BS1	B170411-BS1	3,3'-Dichlorobenzidine	1.36			Y	0.052	0.17	4
B170411-BS1	B170411-BS1	3-Nitroaniline	1.46			Y	0.049	0.34	4
B170411-BS1	B170411-BS1	4,6-Dinitro-2-Methylphenol	1.04			Y	0.32	0.34	4
B170411-BS1	B170411-BS1	4-Bromophenyl Phenyl Ether	1.3			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	4-Chloro-3-Methylphenol	1.22			Y	0.073	0.66	4
B170411-BS1	B170411-BS1	4-Chloroaniline	1.06			Y	0.078	0.66	4
B170411-BS1	B170411-BS1	4-Chlorophenyl Phenyl Ether	1.48			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	4-Nitroaniline	1.6			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	4-Nitrophenol	1.35			Y	0.074	0.66	4
B170411-BS1	B170411-BS1	Acenaphthene	1.31			Y	0.051	0.17	4
B170411-BS1	B170411-BS1	Acenaphthene-D10	1.33			Y			4
B170411-BS1	B170411-BS1	Acenaphthylene	1.38			Y	0.057	0.17	4
B170411-BS1	B170411-BS1	Acetophenone	1.17			Y	0.067	0.34	4
B170411-BS1	B170411-BS1	Aniline	1.02			Y	0.096	0.34	4
B170411-BS1	B170411-BS1	Anthracene	1.31			Y	0.049	0.17	4
B170411-BS1	B170411-BS1	Benzidine	1.21		J	Y	0.42	0.66	4
B170411-BS1	B170411-BS1	Benzo(A)Anthracene	1.35			Y	0.045	0.17	4
B170411-BS1	B170411-BS1	Benzo(A)Pyrene	1.24			Y	0.053	0.17	4
B170411-BS1	B170411-BS1	Benzo(B)Fluoranthene	1.25			Y	0.048	0.17	4
B170411-BS1	B170411-BS1	Benzo(G,H,I)Perylene	1.37			Y	0.075	0.17	4
B170411-BS1	B170411-BS1	Benzo(K)Fluoranthene	1.27			Y	0.053	0.17	4
B170411-BS1	B170411-BS1	Benzoic Acid		U		Y	0.18	1	4
B170411-BS1	B170411-BS1	Benzyl Butyl Phthalate	1.47			Y	0.081	0.34	4
B170411-BS1	B170411-BS1	Bis(2-Chloroethoxy) Methane	1.28			Y	0.065	0.34	4
B170411-BS1	B170411-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.21			Y	0.067	0.34	4
B170411-BS1	B170411-BS1	Bis(2-Chloroisopropyl) Ether	1.18			Y	0.073	0.34	4
B170411-BS1	B170411-BS1	Bis(2-Ethylhexyl) Phthalate	1.51			Y	0.13	0.34	4
B170411-BS1	B170411-BS1	Carbazole	1.31			Y	0.044	0.17	4
B170411-BS1	B170411-BS1	Chrysene	1.3			Y	0.053	0.17	4
B170411-BS1	B170411-BS1	Chrysene-D12	1.33			Y			4
B170411-BS1	B170411-BS1	Dibenz(A,H)Anthracene	1.38			Y	0.1	0.17	4
B170411-BS1	B170411-BS1	Dibenzofuran	1.47			Y	0.059	0.34	4
B170411-BS1	B170411-BS1	Diethyl Phthalate	1.52			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	Dimethyl Phthalate	1.5			Y	0.06	0.34	4
B170411-BS1	B170411-BS1	Di-N-Butyl Phthalate	1.43			Y	0.074	0.34	4
B170411-BS1	B170411-BS1	Di-N-Octylphthalate	1.36			Y	0.18	0.34	4
B170411-BS1	B170411-BS1	Fluoranthene	1.31			Y	0.056	0.17	4
B170411-BS1	B170411-BS1	Fluorene	1.42			Y	0.055	0.17	4
B170411-BS1	B170411-BS1	Hexachlorobenzene	1.3			Y	0.06	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170411-BS1	B170411-BS1	Hexachlorobutadiene	1.15			Y	0.06	0.34	4
B170411-BS1	B170411-BS1	Hexachlorocyclopentadiene	1.12			Y	0.072	0.34	4
B170411-BS1	B170411-BS1	Hexachloroethane	1.06			Y	0.068	0.34	4
B170411-BS1	B170411-BS1	Indeno(1,2,3-C,D)Pyrene	1.36			Y	0.12	0.17	4
B170411-BS1	B170411-BS1	Isophorone	1.25			Y	0.066	0.34	4
B170411-BS1	B170411-BS1	Naphthalene	1.15			Y	0.087	0.17	4
B170411-BS1	B170411-BS1	Naphthalene-D8	1.33			Y			4
B170411-BS1	B170411-BS1	Nitrobenzene	1.16			Y	0.064	0.34	4
B170411-BS1	B170411-BS1	Nitrobenzene-D5	73.4			Y		0.34	4
B170411-BS1	B170411-BS1	N-Nitrosodimethylamine	1.13			Y	0.22	0.34	4
B170411-BS1	B170411-BS1	N-Nitrosodi-N-Propylamine	1.19			Y	0.07	0.34	4
B170411-BS1	B170411-BS1	N-Nitrosodiphenylamine	1.81			Y	0.07	0.34	4
B170411-BS1	B170411-BS1	Pentachloronitrobenzene	1.28			Y	0.081	0.34	4
B170411-BS1	B170411-BS1	Pentachlorophenol	0.854			Y	0.082	0.34	4
B170411-BS1	B170411-BS1	Perylene-D12	1.33			Y			4
B170411-BS1	B170411-BS1	Phenanthrene	1.32			Y	0.088	0.17	4
B170411-BS1	B170411-BS1	Phenanthrene-D10	1.33			Y			4
B170411-BS1	B170411-BS1	Phenol	1.15			Y	0.058	0.34	4
B170411-BS1	B170411-BS1	Phenol-D6	77.5			Y		0.34	4
B170411-BS1	B170411-BS1	Pyrene	1.36			Y	0.056	0.17	4
B170411-BS1	B170411-BS1	Pyridine	1.01			Y	0.055	0.34	4
B170411-BS1	B170411-BS1	Terphenyl-D14	94.3			Y		0.34	4
B170411-BSD1	B170411-BSD1	1,2,4,5-Tetrachlorobenzene	1.39			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	1,2,4-Trichlorobenzene	1.22			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	1,2-Dichlorobenzene	1.15			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	1,2-Diphenylhydrazine	1.4			Y	0.055	0.34	4
B170411-BSD1	B170411-BSD1	1,3-Dichlorobenzene	1.13			Y	0.058	0.34	4
B170411-BSD1	B170411-BSD1	1,4-Dichlorobenzene	1.13			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170411-BSD1	B170411-BSD1	1-Methylnaphthalene	1.18			Y	0.065	0.17	4
B170411-BSD1	B170411-BSD1	2,4,5-Trichlorophenol	1.35			Y	0.077	0.34	4
B170411-BSD1	B170411-BSD1	2,4,6-Tribromophenol	92.8			Y		0.34	4
B170411-BSD1	B170411-BSD1	2,4,6-Trichlorophenol	1.41			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	2,4-Dichlorophenol	1.22			Y	0.058	0.34	4
B170411-BSD1	B170411-BSD1	2,4-Dimethylphenol	1.19			Y	0.063	0.34	4
B170411-BSD1	B170411-BSD1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170411-BSD1	B170411-BSD1	2,4-Dinitrotoluene	1.45			Y	0.055	0.34	4
B170411-BSD1	B170411-BSD1	2,6-Dinitrotoluene	1.51			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	2-Chloronaphthalene	1.28			Y	0.064	0.34	4
B170411-BSD1	B170411-BSD1	2-Chlorophenol	1.17			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	2-Fluorobiphenyl	90.6			Y		0.34	4
B170411-BSD1	B170411-BSD1	2-Fluorophenol	76.5			Y		0.34	4
B170411-BSD1	B170411-BSD1	2-Methylnaphthalene	1.32			Y	0.059	0.17	4
B170411-BSD1	B170411-BSD1	2-Methylphenol (O-Cresol)	1.18			Y	0.085	0.34	4
B170411-BSD1	B170411-BSD1	2-Nitroaniline	1.38			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	2-Nitrophenol	1.2			Y	0.09	0.34	4
B170411-BSD1	B170411-BSD1	3- And 4- Methylphenol (Total)	1.19			Y	0.11	0.34	4
B170411-BSD1	B170411-BSD1	3,3'-Dichlorobenzidine	0.95			Y	0.052	0.17	4
B170411-BSD1	B170411-BSD1	3-Nitroaniline	1.24			Y	0.049	0.34	4
B170411-BSD1	B170411-BSD1	4,6-Dinitro-2-Methylphenol	1.03			Y	0.32	0.34	4
B170411-BSD1	B170411-BSD1	4-Bromophenyl Phenyl Ether	1.35			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	4-Chloro-3-Methylphenol	1.22			Y	0.073	0.66	4
B170411-BSD1	B170411-BSD1	4-Chloroaniline	0.748			Y	0.078	0.66	4
B170411-BSD1	B170411-BSD1	4-Chlorophenyl Phenyl Ether	1.47			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	4-Nitroaniline	1.47			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	4-Nitrophenol	1.38			Y	0.074	0.66	4
B170411-BSD1	B170411-BSD1	Acenaphthene	1.31			Y	0.051	0.17	4
B170411-BSD1	B170411-BSD1	Acenaphthene-D10	1.33			Y			4
B170411-BSD1	B170411-BSD1	Acenaphthylene	1.37			Y	0.057	0.17	4
B170411-BSD1	B170411-BSD1	Acetophenone	1.17			Y	0.067	0.34	4
B170411-BSD1	B170411-BSD1	Aniline	0.645			Y	0.096	0.34	4
B170411-BSD1	B170411-BSD1	Anthracene	1.29			Y	0.049	0.17	4
B170411-BSD1	B170411-BSD1	Benzidine	0.742		J	Y	0.42	0.66	4
B170411-BSD1	B170411-BSD1	Benzo(A)Anthracene	1.31			Y	0.045	0.17	4
B170411-BSD1	B170411-BSD1	Benzo(A)Pyrene	1.25			Y	0.053	0.17	4
B170411-BSD1	B170411-BSD1	Benzo(B)Fluoranthene	1.23			Y	0.048	0.17	4
B170411-BSD1	B170411-BSD1	Benzo(G,H,I)Perylene	1.39			Y	0.075	0.17	4
B170411-BSD1	B170411-BSD1	Benzo(K)Fluoranthene	1.26			Y	0.053	0.17	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170411-BSD1	B170411-BSD1	Benzoic Acid		U		Y	0.18	1	4
B170411-BSD1	B170411-BSD1	Benzyl Butyl Phthalate	1.4			Y	0.081	0.34	4
B170411-BSD1	B170411-BSD1	Bis(2-Chloroethoxy) Methane	1.33			Y	0.065	0.34	4
B170411-BSD1	B170411-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.39			Y	0.067	0.34	4
B170411-BSD1	B170411-BSD1	Bis(2-Chloroisopropyl) Ether	1.23			Y	0.073	0.34	4
B170411-BSD1	B170411-BSD1	Bis(2-Ethylhexyl) Phthalate	1.44			Y	0.13	0.34	4
B170411-BSD1	B170411-BSD1	Carbazole	1.25			Y	0.044	0.17	4
B170411-BSD1	B170411-BSD1	Chrysene	1.25			Y	0.053	0.17	4
B170411-BSD1	B170411-BSD1	Chrysene-D12	1.33			Y			4
B170411-BSD1	B170411-BSD1	Dibenz(A,H)Anthracene	1.38			Y	0.1	0.17	4
B170411-BSD1	B170411-BSD1	Dibenzofuran	1.46			Y	0.059	0.34	4
B170411-BSD1	B170411-BSD1	Diethyl Phthalate	1.48			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	Dimethyl Phthalate	1.46			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	Di-N-Butyl Phthalate	1.37			Y	0.074	0.34	4
B170411-BSD1	B170411-BSD1	Di-N-Octylphthalate	1.3			Y	0.18	0.34	4
B170411-BSD1	B170411-BSD1	Fluoranthene	1.28			Y	0.056	0.17	4
B170411-BSD1	B170411-BSD1	Fluorene	1.39			Y	0.055	0.17	4
B170411-BSD1	B170411-BSD1	Hexachlorobenzene	1.25			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	Hexachlorobutadiene	1.25			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	Hexachlorocyclopentadiene	1.16			Y	0.072	0.34	4
B170411-BSD1	B170411-BSD1	Hexachloroethane	1.12			Y	0.068	0.34	4
B170411-BSD1	B170411-BSD1	Indeno(1,2,3-C,D)Pyrene	1.37			Y	0.12	0.17	4
B170411-BSD1	B170411-BSD1	Isophorone	1.28			Y	0.066	0.34	4
B170411-BSD1	B170411-BSD1	Naphthalene	1.22			Y	0.087	0.17	4
B170411-BSD1	B170411-BSD1	Naphthalene-D8	1.33			Y			4
B170411-BSD1	B170411-BSD1	Nitrobenzene	1.23			Y	0.064	0.34	4
B170411-BSD1	B170411-BSD1	Nitrobenzene-D5	77.3			Y		0.34	4
B170411-BSD1	B170411-BSD1	N-Nitrosodimethylamine	1.14			Y	0.22	0.34	4
B170411-BSD1	B170411-BSD1	N-Nitrosodi-N-Propylamine	1.2			Y	0.07	0.34	4
B170411-BSD1	B170411-BSD1	N-Nitrosodiphenylamine	1.76			Y	0.07	0.34	4
B170411-BSD1	B170411-BSD1	Pentachloronitrobenzene	1.29			Y	0.081	0.34	4
B170411-BSD1	B170411-BSD1	Pentachlorophenol	0.824			Y	0.082	0.34	4
B170411-BSD1	B170411-BSD1	Perylene-D12	1.33			Y			4
B170411-BSD1	B170411-BSD1	Phenanthrene	1.28			Y	0.088	0.17	4
B170411-BSD1	B170411-BSD1	Phenanthrene-D10	1.33			Y			4
B170411-BSD1	B170411-BSD1	Phenol	1.14			Y	0.058	0.34	4
B170411-BSD1	B170411-BSD1	Phenol-D6	77.1			Y		0.34	4
B170411-BSD1	B170411-BSD1	Pyrene	1.27			Y	0.056	0.17	4
B170411-BSD1	B170411-BSD1	Pyridine	1.04			Y	0.055	0.34	4
B170411-BSD1	B170411-BSD1	Terphenyl-D14	87.2			Y		0.34	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,2,4,5-Tetrachlorobenzene	1.44			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,2,4-Trichlorobenzene	1.31			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,2-Dichlorobenzene	1.22			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,2-Diphenylhydrazine	1.44			Y	0.069	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,3-Dichlorobenzene	1.22			Y	0.073	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,4-Dichlorobenzene	1.22			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,4-Dichlorobenzene-D4	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	1-Methylnaphthalene	1.5			Y	0.082	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4,5-Trichlorophenol		U	UJ	Y	0.097	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4,6-Tribromophenol	7.59			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4,6-Trichlorophenol		U	UJ	Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4-Dichlorophenol	0.873			Y	0.073	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4-Dimethylphenol	1.34			Y	0.079	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4-Dinitrophenol		U	UJ	Y	0.24	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4-Dinitrotoluene	1.04			Y	0.069	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,6-Dinitrotoluene	1.18			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Chloronaphthalene	1.36			Y	0.08	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Chlorophenol	0.945			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Fluorobiphenyl	73.5			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Fluorophenol	33.9			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Methylnaphthalene	1.75			Y	0.074	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Methylphenol (O-Cresol)	1.26			Y	0.11	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Nitroaniline	1.51			Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Nitrophenol		U	UJ	Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	3- And 4- Methylphenol (Total)	1.32			Y	0.14	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	3,3'-Dichlorobenzidine	1.26			Y	0.065	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	3-Nitroaniline	0.996			Y	0.062	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4,6-Dinitro-2-Methylphenol		U	UJ	Y		0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Bromophenyl Phenyl Ether	1.42			Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Chloro-3-Methylphenol	1.24			Y	0.092	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Chloroaniline	1.09			Y	0.098	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Chlorophenyl Phenyl Ether	1.6			Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Nitroaniline	1.48			Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Nitrophenol		U	UJ	Y	0.093	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Acenaphthene	1.53			Y	0.064	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Acenaphthene-D10	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Acenaphthylene	1.42			Y	0.072	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Acetophenone	1.38			Y	0.084	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Aniline	1.21			Y	0.12	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Anthracene	1.62			Y	0.062	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzidine	0.851		J	Y	0.53	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(A)Anthracene	2.04			Y	0.057	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(A)Pyrene	1.82			Y	0.067	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(B)Fluoranthene	2.25			Y	0.06	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(G,H,I)Perylene	1.32			Y	0.094	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(K)Fluoranthene	1.84			Y	0.067	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzoic Acid		U	UJ	Y		1.3	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzyl Butyl Phthalate	1.43			Y	0.1	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Bis(2-Chloroethoxy) Methane	1.41			Y	0.082	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.3			Y	0.084	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Bis(2-Chloroisopropyl) Ether	1.34			Y	0.092	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Bis(2-Ethylhexyl) Phthalate	1.45			Y	0.17	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Carbazole	1.53			Y	0.055	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Chrysene	2.1			Y	0.067	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Chrysene-D12	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Dibenz(A,H)Anthracene	1.11			Y	0.13	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Dibenzofuran	1.69			Y	0.074	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Diethyl Phthalate	1.59			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Dimethyl Phthalate	1.51			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Di-N-Butyl Phthalate	1.53			Y	0.093	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Di-N-Octylphthalate	1.88			Y	0.22	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Fluoranthene	3.28			Y	0.07	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Fluorene	1.77			Y	0.069	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Hexachlorobenzene	1.34			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Hexachlorobutadiene	1.29			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Hexachlorocyclopentadiene		U	UJ	Y	0.09	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Hexachloroethane	1.32			Y	0.085	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Indeno(1,2,3-C,D)Pyrene	1.35			Y	0.15	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Isophorone	1.35			Y	0.083	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Naphthalene	1.53			Y	0.11	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Naphthalene-D8	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Nitrobenzene	0.995			Y	0.08	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Nitrobenzene-D5	44.1			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	N-Nitrosodimethylamine	1.23			Y	0.27	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	N-Nitrosodi-N-Propylamine	1.36			Y	0.088	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	N-Nitrosodiphenylamine	2.05			Y	0.088	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Pentachloronitrobenzene	1.15			Y	0.1	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Pentachlorophenol		U	UJ	Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Perylene-D12	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Phenanthrene	2.74		J	Y	0.11	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Phenanthrene-D10	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Phenol	1.33			Y	0.073	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Phenol-D6	61.8			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Pyrene	2.57			Y	0.07	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Pyridine	1.12			Y	0.069	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Terphenyl-D14	75.4			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,2,4,5-Tetrachlorobenzene	1.35			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,2,4-Trichlorobenzene	1.18			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,2-Dichlorobenzene	1.11			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,2-Diphenylhydrazine	1.27			Y	0.069	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,3-Dichlorobenzene	1.09			Y	0.073	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,4-Dichlorobenzene	1.08			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,4-Dichlorobenzene-D4	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1-Methylnaphthalene	1.39			Y	0.082	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4,5-Trichlorophenol		U	UJ	Y	0.097	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4,6-Tribromophenol	8.23			Y		0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4,6-Trichlorophenol		U	UJ	Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4-Dichlorophenol	0.854			Y	0.073	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4-Dimethylphenol	1.25			Y	0.079	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4-Dinitrophenol		U	UJ	Y	0.24	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4-Dinitrotoluene	0.89			Y	0.069	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,6-Dinitrotoluene	1.01			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Chloronaphthalene	1.19			Y	0.08	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Chlorophenol	0.926			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Fluorobiphenyl	66.8			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Fluorophenol	37.5			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Methylnaphthalene	1.74			Y	0.074	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Methylphenol (O-Cresol)	1.14			Y	0.11	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Nitroaniline	1.47			Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Nitrophenol		U	UJ	Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	3- And 4- Methylphenol (Total)	1.18			Y	0.14	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	3,3'-Dichlorobenzidine	1.17			Y	0.065	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	3-Nitroaniline	0.933			Y	0.062	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4,6-Dinitro-2-Methylphenol		U	UJ	Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Bromophenyl Phenyl Ether	1.24			Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Chloro-3-Methylphenol	1.1			Y	0.092	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Chloroaniline	0.962			Y	0.098	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Chlorophenyl Phenyl Ether	1.42			Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Nitroaniline	1.43			Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Nitrophenol		U	UJ	Y	0.093	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Acenaphthene	1.42			Y	0.064	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Acenaphthene-D10	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Acenaphthylene	1.31			Y	0.072	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Acetophenone	1.24			Y	0.084	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Aniline	1.01			Y	0.12	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Anthracene	1.7			Y	0.062	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzidine	0.869		J	Y	0.53	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(A)Anthracene	1.83			Y	0.057	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(A)Pyrene	1.56			Y	0.067	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(B)Fluoranthene	1.79			Y	0.06	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(G,H,I)Perylene	1.7			Y	0.094	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(K)Fluoranthene	1.47			Y	0.067	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzoic Acid		U	UJ	Y		1.3	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzyl Butyl Phthalate	1.47			Y	0.1	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Bis(2-Chloroethoxy) Methane	1.25			Y	0.082	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.27			Y	0.084	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Bis(2-Chloroisopropyl) Ether	1.16			Y	0.092	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Bis(2-Ethylhexyl) Phthalate	1.26			Y	0.17	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Carbazole	1.39			Y	0.055	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Chrysene	1.76			Y	0.067	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Chrysene-D12	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Dibenz(A,H)Anthracene	1.45			Y	0.13	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Dibenzofuran	1.53			Y	0.074	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Diethyl Phthalate	1.4			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Dimethyl Phthalate	1.38			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Di-N-Butyl Phthalate	1.38			Y	0.093	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Di-N-Octylphthalate	1.5			Y	0.22	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Fluoranthene	2.84			Y	0.07	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Fluorene	1.61			Y	0.069	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Hexachlorobenzene	1.17			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Hexachlorobutadiene	1.2			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Hexachlorocyclopentadiene		U	UJ	Y	0.09	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Hexachloroethane	1.17			Y	0.085	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Indeno(1,2,3-C,D)Pyrene	1.81			Y	0.15	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Isophorone	1.25			Y	0.083	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Naphthalene	1.39			Y	0.11	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Naphthalene-D8	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Nitrobenzene	0.919			Y	0.08	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Nitrobenzene-D5	40.2			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	N-Nitrosodimethylamine	1.05			Y	0.27	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	N-Nitrosodi-N-Propylamine	1.18			Y	0.088	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	N-Nitrosodiphenylamine	1.7			Y	0.088	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Pentachloronitrobenzene	1.04			Y	0.1	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Pentachlorophenol		U	UJ	Y		0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-COMP 2-4-9MSD	B170411-MSD1	Perylene-D12	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Phenanthrene	2.54		J	Y	0.11	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Phenanthrene-D10	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Phenol	1.1			Y	0.073	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Phenol-D6	56.1			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Pyrene	2.8			Y	0.07	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Pyridine	0.937			Y	0.069	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Terphenyl-D14	81.5			Y		0.43	4
B170675-BLK1	B170675-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	1,2,4-Trichlorobenzene		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	1,2-Dichlorobenzene		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	1,2-Diphenylhydrazine		U		Y	0.055	0.34	4
B170675-BLK1	B170675-BLK1	1,3-Dichlorobenzene		U		Y	0.058	0.34	4
B170675-BLK1	B170675-BLK1	1,4-Dichlorobenzene		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	1,4-Dichlorobenzene-D4	1.3			Y			4
B170675-BLK1	B170675-BLK1	1-Methylnaphthalene		U		Y	0.065	0.17	4
B170675-BLK1	B170675-BLK1	2,4,5-Trichlorophenol		U		Y	0.077	0.34	4
B170675-BLK1	B170675-BLK1	2,4,6-Tribromophenol	90.2			Y		0.34	4
B170675-BLK1	B170675-BLK1	2,4,6-Trichlorophenol		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	2,4-Dichlorophenol		U		Y	0.058	0.34	4
B170675-BLK1	B170675-BLK1	2,4-Dimethylphenol		U		Y	0.063	0.34	4
B170675-BLK1	B170675-BLK1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170675-BLK1	B170675-BLK1	2,4-Dinitrotoluene		U		Y	0.055	0.34	4
B170675-BLK1	B170675-BLK1	2,6-Dinitrotoluene		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	2-Chloronaphthalene		U		Y	0.064	0.34	4
B170675-BLK1	B170675-BLK1	2-Chlorophenol		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	2-Fluorobiphenyl	91			Y		0.34	4
B170675-BLK1	B170675-BLK1	2-Fluorophenol	74.2			Y		0.34	4
B170675-BLK1	B170675-BLK1	2-Methylnaphthalene		U		Y	0.059	0.17	4
B170675-BLK1	B170675-BLK1	2-Methylphenol (O-Cresol)		U		Y	0.085	0.34	4
B170675-BLK1	B170675-BLK1	2-Nitroaniline		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	2-Nitrophenol		U		Y	0.09	0.34	4
B170675-BLK1	B170675-BLK1	3- And 4- Methylphenol (Total)		U		Y	0.11	0.34	4
B170675-BLK1	B170675-BLK1	3,3'-Dichlorobenzidine		U		Y	0.052	0.17	4
B170675-BLK1	B170675-BLK1	3-Nitroaniline		U		Y	0.049	0.34	4
B170675-BLK1	B170675-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	0.32	0.34	4
B170675-BLK1	B170675-BLK1	4-Bromophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	4-Chloro-3-Methylphenol		U		Y	0.073	0.66	4
B170675-BLK1	B170675-BLK1	4-Chloroaniline		U		Y	0.078	0.66	4
B170675-BLK1	B170675-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	4-Nitroaniline		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	4-Nitrophenol		U		Y	0.074	0.66	4
B170675-BLK1	B170675-BLK1	Acenaphthene		U		Y	0.051	0.17	4
B170675-BLK1	B170675-BLK1	Acenaphthene-D10	1.3			Y			4
B170675-BLK1	B170675-BLK1	Acenaphthylene		U		Y	0.057	0.17	4
B170675-BLK1	B170675-BLK1	Acetophenone		U		Y	0.067	0.34	4
B170675-BLK1	B170675-BLK1	Aniline		U		Y	0.096	0.34	4
B170675-BLK1	B170675-BLK1	Anthracene		U		Y	0.049	0.17	4
B170675-BLK1	B170675-BLK1	Benzidine		U	UJ	Y	0.42	0.66	4
B170675-BLK1	B170675-BLK1	Benzo(A)Anthracene		U		Y	0.045	0.17	4
B170675-BLK1	B170675-BLK1	Benzo(A)Pyrene		U		Y	0.053	0.17	4
B170675-BLK1	B170675-BLK1	Benzo(B)Fluoranthene		U		Y	0.048	0.17	4
B170675-BLK1	B170675-BLK1	Benzo(G,H,I)Perylene		U		Y	0.075	0.17	4
B170675-BLK1	B170675-BLK1	Benzo(K)Fluoranthene		U		Y	0.053	0.17	4
B170675-BLK1	B170675-BLK1	Benzoic Acid		U		Y	0.18	1	4
B170675-BLK1	B170675-BLK1	Benzyl Butyl Phthalate		U		Y	0.081	0.34	4
B170675-BLK1	B170675-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	0.065	0.34	4
B170675-BLK1	B170675-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.067	0.34	4
B170675-BLK1	B170675-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	0.073	0.34	4
B170675-BLK1	B170675-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.13	0.34	4
B170675-BLK1	B170675-BLK1	Carbazole		U		Y	0.044	0.17	4
B170675-BLK1	B170675-BLK1	Chrysene		U		Y	0.053	0.17	4
B170675-BLK1	B170675-BLK1	Chrysene-D12	1.3			Y			4
B170675-BLK1	B170675-BLK1	Dibenz(A,H)Anthracene		U		Y	0.1	0.17	4
B170675-BLK1	B170675-BLK1	Dibenzofuran		U		Y	0.059	0.34	4
B170675-BLK1	B170675-BLK1	Diethyl Phthalate		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	Dimethyl Phthalate		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	Di-N-Butyl Phthalate		U		Y	0.074	0.34	4

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B170675-BLK1	B170675-BLK1	Di-N-Octylphthalate		U		Y	0.18	0.34	4
B170675-BLK1	B170675-BLK1	Fluoranthene		U		Y	0.056	0.17	4
B170675-BLK1	B170675-BLK1	Fluorene		U		Y	0.055	0.17	4
B170675-BLK1	B170675-BLK1	Hexachlorobenzene		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	Hexachlorobutadiene		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	Hexachlorocyclopentadiene		U		Y	0.072	0.34	4
B170675-BLK1	B170675-BLK1	Hexachloroethane		U		Y	0.068	0.34	4
B170675-BLK1	B170675-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.12	0.17	4
B170675-BLK1	B170675-BLK1	Isophorone		U		Y	0.066	0.34	4
B170675-BLK1	B170675-BLK1	Naphthalene		U		Y	0.087	0.17	4
B170675-BLK1	B170675-BLK1	Naphthalene-D8	1.3			Y			4
B170675-BLK1	B170675-BLK1	Nitrobenzene		U		Y	0.064	0.34	4
B170675-BLK1	B170675-BLK1	Nitrobenzene-D5	74.5			Y		0.34	4
B170675-BLK1	B170675-BLK1	N-Nitrosodimethylamine		U		Y	0.22	0.34	4
B170675-BLK1	B170675-BLK1	N-Nitrosodi-N-Propylamine		U		Y	0.07	0.34	4
B170675-BLK1	B170675-BLK1	N-Nitrosodiphenylamine		U		Y	0.07	0.34	4
B170675-BLK1	B170675-BLK1	Pentachloronitrobenzene		U		Y	0.081	0.34	4
B170675-BLK1	B170675-BLK1	Pentachlorophenol		U		Y	0.082	0.34	4
B170675-BLK1	B170675-BLK1	Perylene-D12	1.3			Y			4
B170675-BLK1	B170675-BLK1	Phenanthrene		U		Y	0.088	0.17	4
B170675-BLK1	B170675-BLK1	Phenanthrene-D10	1.3			Y			4
B170675-BLK1	B170675-BLK1	Phenol		U		Y	0.058	0.34	4
B170675-BLK1	B170675-BLK1	Phenol-D6	76.7			Y		0.34	4
B170675-BLK1	B170675-BLK1	Pyrene		U		Y	0.056	0.17	4
B170675-BLK1	B170675-BLK1	Pyridine		U		Y	0.055	0.34	4
B170675-BLK1	B170675-BLK1	Terphenyl-D14	91.9			Y		0.34	4
B170675-BS1	B170675-BS1	1,2,4,5-Tetrachlorobenzene	1.31			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	1,2,4-Trichlorobenzene	1.13			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	1,2-Dichlorobenzene	1.05			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	1,2-Diphenylhydrazine	1.29			Y	0.055	0.34	4
B170675-BS1	B170675-BS1	1,3-Dichlorobenzene	1.01			Y	0.058	0.34	4
B170675-BS1	B170675-BS1	1,4-Dichlorobenzene	1.02			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170675-BS1	B170675-BS1	1-Methylnaphthalene	1.11			Y	0.065	0.17	4
B170675-BS1	B170675-BS1	2,4,5-Trichlorophenol	1.28			Y	0.077	0.34	4
B170675-BS1	B170675-BS1	2,4,6-Tribromophenol	91.3			Y		0.34	4
B170675-BS1	B170675-BS1	2,4,6-Trichlorophenol	1.35			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	2,4-Dichlorophenol	1.15			Y	0.058	0.34	4
B170675-BS1	B170675-BS1	2,4-Dimethylphenol	1.22			Y	0.063	0.34	4
B170675-BS1	B170675-BS1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170675-BS1	B170675-BS1	2,4-Dinitrotoluene	1.39			Y	0.055	0.34	4
B170675-BS1	B170675-BS1	2,6-Dinitrotoluene	1.43			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	2-Chloronaphthalene	1.15			Y	0.064	0.34	4
B170675-BS1	B170675-BS1	2-Chlorophenol	1.14			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	2-Fluorobiphenyl	86.5			Y		0.34	4
B170675-BS1	B170675-BS1	2-Fluorophenol	74			Y		0.34	4
B170675-BS1	B170675-BS1	2-Methylnaphthalene	1.21			Y	0.059	0.17	4
B170675-BS1	B170675-BS1	2-Methylphenol (O-Cresol)	1.11			Y	0.085	0.34	4
B170675-BS1	B170675-BS1	2-Nitroaniline	1.36			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	2-Nitrophenol	1.11			Y	0.09	0.34	4
B170675-BS1	B170675-BS1	3- And 4- Methylphenol (Total)	1.16			Y	0.11	0.34	4
B170675-BS1	B170675-BS1	3,3'-Dichlorobenzidine	0.923			Y	0.052	0.17	4
B170675-BS1	B170675-BS1	3-Nitroaniline	1.29			Y	0.049	0.34	4
B170675-BS1	B170675-BS1	4,6-Dinitro-2-Methylphenol	0.688			Y	0.32	0.34	4
B170675-BS1	B170675-BS1	4-Bromophenyl Phenyl Ether	1.23			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	4-Chloro-3-Methylphenol	1.19			Y	0.073	0.66	4
B170675-BS1	B170675-BS1	4-Chloroaniline	0.768			Y	0.078	0.66	4
B170675-BS1	B170675-BS1	4-Chlorophenyl Phenyl Ether	1.37			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	4-Nitroaniline	1.44			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	4-Nitrophenol	1.34			Y	0.074	0.66	4
B170675-BS1	B170675-BS1	Acenaphthene	1.24			Y	0.051	0.17	4
B170675-BS1	B170675-BS1	Acenaphthene-D10	1.33			Y			4
B170675-BS1	B170675-BS1	Acenaphthylene	1.3			Y	0.057	0.17	4
B170675-BS1	B170675-BS1	Acetophenone	1.13			Y	0.067	0.34	4
B170675-BS1	B170675-BS1	Aniline	0.602			Y	0.096	0.34	4
B170675-BS1	B170675-BS1	Anthracene	1.22			Y	0.049	0.17	4
B170675-BS1	B170675-BS1	Benzidine	0.693		J	Y	0.42	0.66	4
B170675-BS1	B170675-BS1	Benzo(A)Anthracene	1.27			Y	0.045	0.17	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170675-BS1	B170675-BS1	Benzo(A)Pyrene	1.2			Y	0.053	0.17	4
B170675-BS1	B170675-BS1	Benzo(B)Fluoranthene	1.18			Y	0.048	0.17	4
B170675-BS1	B170675-BS1	Benzo(G,H,I)Perylene	1.08			Y	0.075	0.17	4
B170675-BS1	B170675-BS1	Benzo(K)Fluoranthene	1.16			Y	0.053	0.17	4
B170675-BS1	B170675-BS1	Benzoic Acid		U		Y	0.18	1	4
B170675-BS1	B170675-BS1	Benzyl Butyl Phthalate	1.33			Y	0.081	0.34	4
B170675-BS1	B170675-BS1	Bis(2-Chloroethoxy) Methane	1.26			Y	0.065	0.34	4
B170675-BS1	B170675-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.39			Y	0.067	0.34	4
B170675-BS1	B170675-BS1	Bis(2-Chloroisopropyl) Ether	1.17			Y	0.073	0.34	4
B170675-BS1	B170675-BS1	Bis(2-Ethylhexyl) Phthalate	1.38			Y	0.13	0.34	4
B170675-BS1	B170675-BS1	Carbazole	1.16			Y	0.044	0.17	4
B170675-BS1	B170675-BS1	Chrysene	1.19			Y	0.053	0.17	4
B170675-BS1	B170675-BS1	Chrysene-D12	1.33			Y			4
B170675-BS1	B170675-BS1	Dibenz(A,H)Anthracene	1.15			Y	0.1	0.17	4
B170675-BS1	B170675-BS1	Dibenzofuran	1.35			Y	0.059	0.34	4
B170675-BS1	B170675-BS1	Diethyl Phthalate	1.39			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	Dimethyl Phthalate	1.39			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	Di-N-Butyl Phthalate	1.26			Y	0.074	0.34	4
B170675-BS1	B170675-BS1	Di-N-Octylphthalate	1.36			Y	0.18	0.34	4
B170675-BS1	B170675-BS1	Fluoranthene	1.19			Y	0.056	0.17	4
B170675-BS1	B170675-BS1	Fluorene	1.32			Y	0.055	0.17	4
B170675-BS1	B170675-BS1	Hexachlorobenzene	1.15			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	Hexachlorobutadiene	1.13			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	Hexachlorocyclopentadiene	0.935			Y	0.072	0.34	4
B170675-BS1	B170675-BS1	Hexachloroethane	1			Y	0.068	0.34	4
B170675-BS1	B170675-BS1	Indeno(1,2,3-C,D)Pyrene	1.18			Y	0.12	0.17	4
B170675-BS1	B170675-BS1	Isophorone	1.22			Y	0.066	0.34	4
B170675-BS1	B170675-BS1	Naphthalene	1.12			Y	0.087	0.17	4
B170675-BS1	B170675-BS1	Naphthalene-D8	1.33			Y			4
B170675-BS1	B170675-BS1	Nitrobenzene	1.17			Y	0.064	0.34	4
B170675-BS1	B170675-BS1	Nitrobenzene-D5	73.7			Y		0.34	4
B170675-BS1	B170675-BS1	N-Nitrosodimethylamine	1.04			Y	0.22	0.34	4
B170675-BS1	B170675-BS1	N-Nitrosodi-N-Propylamine	1.18			Y	0.07	0.34	4
B170675-BS1	B170675-BS1	N-Nitrosodiphenylamine	1.64			Y	0.07	0.34	4
B170675-BS1	B170675-BS1	Pentachloronitrobenzene	1.19			Y	0.081	0.34	4
B170675-BS1	B170675-BS1	Pentachlorophenol	0.918			Y	0.082	0.34	4
B170675-BS1	B170675-BS1	Perylene-D12	1.33			Y			4
B170675-BS1	B170675-BS1	Phenanthrene	1.19			Y	0.088	0.17	4
B170675-BS1	B170675-BS1	Phenanthrene-D10	1.33			Y			4
B170675-BS1	B170675-BS1	Phenol	1.15			Y	0.058	0.34	4
B170675-BS1	B170675-BS1	Phenol-D6	74.6			Y		0.34	4
B170675-BS1	B170675-BS1	Pyrene	1.18			Y	0.056	0.17	4
B170675-BS1	B170675-BS1	Pyridine	0.787			Y	0.055	0.34	4
B170675-BS1	B170675-BS1	Terphenyl-D14	78.4			Y		0.34	4
B170675-BSD1	B170675-BSD1	1,2,4,5-Tetrachlorobenzene	1.29			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	1,2,4-Trichlorobenzene	1.14			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	1,2-Dichlorobenzene	1.06			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	1,2-Diphenylhydrazine	1.24			Y	0.055	0.34	4
B170675-BSD1	B170675-BSD1	1,3-Dichlorobenzene	1.01			Y	0.058	0.34	4
B170675-BSD1	B170675-BSD1	1,4-Dichlorobenzene	1.03			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170675-BSD1	B170675-BSD1	1-Methylnaphthalene	1.09			Y	0.065	0.17	4
B170675-BSD1	B170675-BSD1	2,4,5-Trichlorophenol	1.29			Y	0.077	0.34	4
B170675-BSD1	B170675-BSD1	2,4,6-Tribromophenol	91.5			Y		0.34	4
B170675-BSD1	B170675-BSD1	2,4,6-Trichlorophenol	1.33			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	2,4-Dichlorophenol	1.15			Y	0.058	0.34	4
B170675-BSD1	B170675-BSD1	2,4-Dimethylphenol	1.17			Y	0.063	0.34	4
B170675-BSD1	B170675-BSD1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170675-BSD1	B170675-BSD1	2,4-Dinitrotoluene	1.35			Y	0.055	0.34	4
B170675-BSD1	B170675-BSD1	2,6-Dinitrotoluene	1.43			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	2-Chloronaphthalene	1.26			Y	0.064	0.34	4
B170675-BSD1	B170675-BSD1	2-Chlorophenol	1.15			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	2-Fluorobiphenyl	82.9			Y		0.34	4
B170675-BSD1	B170675-BSD1	2-Fluorophenol	73.2			Y		0.34	4
B170675-BSD1	B170675-BSD1	2-Methylnaphthalene	1.19			Y	0.059	0.17	4
B170675-BSD1	B170675-BSD1	2-Methylphenol (O-Cresol)	1.11			Y	0.085	0.34	4
B170675-BSD1	B170675-BSD1	2-Nitroaniline	1.35			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	2-Nitrophenol	1.09			Y	0.09	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170675-BSD1	B170675-BSD1	3- And 4- Methylphenol (Total)	1.19			Y	0.11	0.34	4
B170675-BSD1	B170675-BSD1	3,3'-Dichlorobenzidine	1.04			Y	0.052	0.17	4
B170675-BSD1	B170675-BSD1	3-Nitroaniline	1.3			Y	0.049	0.34	4
B170675-BSD1	B170675-BSD1	4,6-Dinitro-2-Methylphenol	0.659			Y	0.32	0.34	4
B170675-BSD1	B170675-BSD1	4-Bromophenyl Phenyl Ether	1.2			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	4-Chloro-3-Methylphenol	1.17			Y	0.073	0.66	4
B170675-BSD1	B170675-BSD1	4-Chloroaniline	0.764			Y	0.078	0.66	4
B170675-BSD1	B170675-BSD1	4-Chlorophenyl Phenyl Ether	1.35			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	4-Nitroaniline	1.46			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	4-Nitrophenol	1.37			Y	0.074	0.66	4
B170675-BSD1	B170675-BSD1	Acenaphthene	1.22			Y	0.051	0.17	4
B170675-BSD1	B170675-BSD1	Acenaphthene-D10	1.33			Y			4
B170675-BSD1	B170675-BSD1	Acenaphthylene	1.27			Y	0.057	0.17	4
B170675-BSD1	B170675-BSD1	Acetophenone	1.12			Y	0.067	0.34	4
B170675-BSD1	B170675-BSD1	Aniline	0.644			Y	0.096	0.34	4
B170675-BSD1	B170675-BSD1	Anthracene	1.2			Y	0.049	0.17	4
B170675-BSD1	B170675-BSD1	Benzidine		U	UJ	Y	0.42	0.66	4
B170675-BSD1	B170675-BSD1	Benzo(A)Anthracene	1.26			Y	0.045	0.17	4
B170675-BSD1	B170675-BSD1	Benzo(A)Pyrene	1.17			Y	0.053	0.17	4
B170675-BSD1	B170675-BSD1	Benzo(B)Fluoranthene	1.19			Y	0.048	0.17	4
B170675-BSD1	B170675-BSD1	Benzo(G,H,I)Perylene	1.05			Y	0.075	0.17	4
B170675-BSD1	B170675-BSD1	Benzo(K)Fluoranthene	1.15			Y	0.053	0.17	4
B170675-BSD1	B170675-BSD1	Benzoic Acid		U		Y	0.18	1	4
B170675-BSD1	B170675-BSD1	Benzyl Butyl Phthalate	1.38			Y	0.081	0.34	4
B170675-BSD1	B170675-BSD1	Bis(2-Chloroethoxy) Methane	1.22			Y	0.065	0.34	4
B170675-BSD1	B170675-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.31			Y	0.067	0.34	4
B170675-BSD1	B170675-BSD1	Bis(2-Chloroisopropyl) Ether	1.18			Y	0.073	0.34	4
B170675-BSD1	B170675-BSD1	Bis(2-Ethylhexyl) Phthalate	1.41			Y	0.13	0.34	4
B170675-BSD1	B170675-BSD1	Carbazole	1.15			Y	0.044	0.17	4
B170675-BSD1	B170675-BSD1	Chrysene	1.19			Y	0.053	0.17	4
B170675-BSD1	B170675-BSD1	Chrysene-D12	1.33			Y			4
B170675-BSD1	B170675-BSD1	Dibenz(A,H)Anthracene	1.12			Y	0.1	0.17	4
B170675-BSD1	B170675-BSD1	Dibenzofuran	1.34			Y	0.059	0.34	4
B170675-BSD1	B170675-BSD1	Diethyl Phthalate	1.4			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	Dimethyl Phthalate	1.36			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	Di-N-Butyl Phthalate	1.26			Y	0.074	0.34	4
B170675-BSD1	B170675-BSD1	Di-N-Octylphthalate	1.37			Y	0.18	0.34	4
B170675-BSD1	B170675-BSD1	Fluoranthene	1.18			Y	0.056	0.17	4
B170675-BSD1	B170675-BSD1	Fluorene	1.3			Y	0.055	0.17	4
B170675-BSD1	B170675-BSD1	Hexachlorobenzene	1.13			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	Hexachlorobutadiene	1.12			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	Hexachlorocyclopentadiene	0.843			Y	0.072	0.34	4
B170675-BSD1	B170675-BSD1	Hexachloroethane	1.04			Y	0.068	0.34	4
B170675-BSD1	B170675-BSD1	Indeno(1,2,3-C,D)Pyrene	1.11			Y	0.12	0.17	4
B170675-BSD1	B170675-BSD1	Isophorone	1.19			Y	0.066	0.34	4
B170675-BSD1	B170675-BSD1	Naphthalene	1.12			Y	0.087	0.17	4
B170675-BSD1	B170675-BSD1	Naphthalene-D8	1.33			Y			4
B170675-BSD1	B170675-BSD1	Nitrobenzene	1.16			Y	0.064	0.34	4
B170675-BSD1	B170675-BSD1	Nitrobenzene-D5	71.6			Y		0.34	4
B170675-BSD1	B170675-BSD1	N-Nitrosodimethylamine	1.06			Y	0.22	0.34	4
B170675-BSD1	B170675-BSD1	N-Nitrosodi-N-Propylamine	1.15			Y	0.07	0.34	4
B170675-BSD1	B170675-BSD1	N-Nitrosodiphenylamine	1.62			Y	0.07	0.34	4
B170675-BSD1	B170675-BSD1	Pentachloronitrobenzene	1.2			Y	0.081	0.34	4
B170675-BSD1	B170675-BSD1	Pentachlorophenol	0.945			Y	0.082	0.34	4
B170675-BSD1	B170675-BSD1	Perylene-D12	1.33			Y			4
B170675-BSD1	B170675-BSD1	Phenanthrene	1.17			Y	0.088	0.17	4
B170675-BSD1	B170675-BSD1	Phenanthrene-D10	1.33			Y			4
B170675-BSD1	B170675-BSD1	Phenol	1.16			Y	0.058	0.34	4
B170675-BSD1	B170675-BSD1	Phenol-D6	73.6			Y		0.34	4
B170675-BSD1	B170675-BSD1	Pyrene	1.2			Y	0.056	0.17	4
B170675-BSD1	B170675-BSD1	Pyridine	0.815			Y	0.055	0.34	4
B170675-BSD1	B170675-BSD1	Terphenyl-D14	79.4			Y		0.34	4
LB-14-COMP 1-0-4	17B0503-01	Solids, Percent	79.8			Y			4
LB-15-COMP 1-0-4	17B0503-02	Solids, Percent	92.3			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Solids, Percent	78.4			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Solids, Percent	78.1			Y			4
LB-18-COMP 1-0-4	17B0503-05	Solids, Percent	92.3			Y			4
LB-26-COMP 1-0-4	17B0503-06	Solids, Percent	83.4			Y			4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-26-COMP 2-4-7.8	17B0503-07	Solids, Percent	81			Y			4
LB-27-COMP 1-0-4	17B0503-08	Solids, Percent	81.5			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Solids, Percent	84.9			Y			4
LB-28-COMP 1-0-4	17B0503-10	Solids, Percent	79.6			Y			4
LB-08-COMP 1-0-4	17B0503-11	Solids, Percent	80.4			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Solids, Percent	81.1			Y			4
LB-09-COMP 1-0-4	17B0503-13	Solids, Percent	78.2			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Solids, Percent	76.4			Y			4
LB-11-COMP 2-4-9	17B0503-15	Solids, Percent	81.4			Y			4
LB-11-COMP 1-0-4	17B0503-16	Solids, Percent	80			Y			4
LB-12-COMP 1-0-4	17B0503-17	Solids, Percent	77.7			Y			4
LB-12-COMP 2-4-9	17B0503-18	Solids, Percent	79.6			Y			4
LB-13-COMP 1-0-4	17B0503-19	Solids, Percent	83.2			Y			4
LB-13-COMP 2-4-9.8	17B0503-20	Solids, Percent	81.4			Y			4
LB-27-5.5-6	17B0503-21	Solids, Percent	86.9			Y			4
LB-28-10.5-11	17B0503-22	Solids, Percent	80.9			Y			4
LB-01-COMP 1-0-4	17B0503-23	Solids, Percent	87			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Solids, Percent	82.7			Y			4
LB-02-COMP 1-0-4	17B0503-25	Solids, Percent	83.3			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Solids, Percent	81			Y			4
LB-03-COMP 1-0-4	17B0503-27	Solids, Percent	88.6			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Solids, Percent	76.7			Y			4
LB-07-COMP 1-0-4	17B0503-29	Solids, Percent	84.1			Y			4
LB-07-COMP 2-4-9.7	17B0503-30	Solids, Percent	78.5			Y			4
LB-13-3-3.5	17B0503-31	Solids, Percent	79.4			Y			4
LB-13-5-5.5	17B0503-32	Solids, Percent	81			Y			4
LB-14-3.5-4	17B0503-33	Solids, Percent	75.5			Y			4
LB-14-5-5.5	17B0503-34	Solids, Percent	75.2			Y			4
LB-14-10-10.5	17B0503-35	Solids, Percent	79.9			Y			4
LB-15-3.5-4	17B0503-36	Solids, Percent	77			Y			4
LB-15-5-5.5	17B0503-37	Solids, Percent	74.7			Y			4
LB-18-0-2	17B0503-38	Solids, Percent	96.7			Y			4
LB-26-1.3-1.8	17B0503-39	Solids, Percent	82.5			Y			4
LB-26-4.5-5	17B0503-40	Solids, Percent	79.3			Y			4
LB-02-8-8.5	17B0503-41	Solids, Percent	78.1			Y			4
LB-07-1-1.5	17B0503-42	Solids, Percent	80.9			Y			4
LB-07-4.5-5	17B0503-43	Solids, Percent	75.6			Y			4
LB-07-8-8.5	17B0503-44	Solids, Percent	88.4			Y			4
LB-08-9-10	17B0503-45	Solids, Percent	82.6			Y			4
LB-09-3-3.5	17B0503-46	Solids, Percent	82.2			Y			4
LB-09-4.5-5	17B0503-47	Solids, Percent	79.2			Y			4
LB-12-1-1.5	17B0503-48	Solids, Percent	73.1			Y			4
LB-12-1.5-2	17B0503-49	Solids, Percent	76.2			Y			4
LB-12-4-4.5	17B0503-50	Solids, Percent	78.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Solids, Percent	79.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Solids, Percent	86.4			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Solids, Percent	83.2			Y			4
LB-13-COMP 3-10-15	17B0503-54	Solids, Percent	80.7			Y			4
LB-14-COMP 1-0-4DUP1	B170498-DUP1	Solids, Percent	81			Y			4
LB-15-COMP 1-0-4DUP2	B170498-DUP2	Solids, Percent	91.9			Y			4
LB-14-COMP 2-4-10.5DUP3	B170498-DUP3	Solids, Percent	75.6			Y			4
LB-12-COMP 2-4-9DUP4	B170498-DUP4	Solids, Percent	82.6			Y			4
LB-13-COMP 1-0-4DUP5	B170498-DUP5	Solids, Percent	82.5			Y			4
LB-13-COMP 2-4-9.8DUP6	B170498-DUP6	Solids, Percent	84.1			Y			4
LB-15-COMP 1-0-4	17B0503-02	Cyanide	0.84			Y	0.25	0.5	4
LB-15-COMP 2-4-8.5	17B0503-04	Cyanide	3.2			Y	0.31	0.63	4
LB-18-COMP 1-0-4	17B0503-05	Cyanide		U		Y	0.25	0.51	4
LB-08-COMP 2-4-10.2	17B0503-12	Cyanide	0.69			Y	0.27	0.54	4
LB-11-COMP 1-0-4	17B0503-16	Cyanide		U		Y	0.28	0.57	4
LB-02-COMP 2-4-9.2	17B0503-26	Cyanide		U		Y	0.29	0.58	4
LB-28-COMP 2-4-11	17B0503-51	Cyanide		U		Y	0.25	0.5	4
B170515-BLK1	B170515-BLK1	Cyanide		U		Y	0.24	0.48	4
B170515-BS1	B170515-BS1	Cyanide	66	D		Y	1.2	2.5	4
B170515-BSD1	B170515-BSD1	Cyanide	61	D		Y	1.2	2.5	4

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
Con-test Analytical Laboratory SDG#17B0761
May 1, 2017
Reissued: May 22, 2017
Sampling date: 2/16/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
SDG# 17B0761

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers (reissued May 22, 2017), project located at 683 Northland Ave., Project #20170105, Con-test Analytical Laboratory (Con-Test), SDG#17B0761, submitted to Vali-Data of WNY, LLC on April 20, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C-D), Mercury (7470A, 7471B) and in accordance with wet chemistry methods.

The Trip Blank was not logged in nor analyzed for VOC by Con-Test. Results were recorded to the reporting limits, as confirmed by LiRo Engineers.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 1,2-Dichloroethane-d₄ was outside ASP QC limits, high in LRB-01-2-16-17. Associated target analytes detected in this sample should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Methyl Acetate was outside QC limits, high in B170829-BS1/BSD1. The %Rec of Carbon Disulfide, Methyl Acetate and trans-1,2-Dichloroethene was outside QC limits, high in B171017-BS1/BSD1 and B170824-BS1/BSD1. These target analytes should be qualified as estimated in the associated samples, if detected. Several target analytes were detected in the laboratory control sample or it's duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of 1,4-Dioxane was outside ASP outer limit in the initial calibration performed on instrument GCMSVOA1. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Alternate forms of regression were performed on all target analytes whose %RSD >15%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of tert-Butyl alcohol was outside outer ASP QC limits in S013633-CCV1 and should be qualified as estimated in the associated blanks, spikes and samples.

The %D of Bromochloromethane was outside QC limits in S013633-CCV1. ASP allows for up to two target analytes to be outside QC limits without further action.

The %D of some target analytes was outside laboratory QC limits but was within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Internal Standards, Laboratory Control Samples, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met except the area of Perylene-d₁₂ was outside QC limits, high in LW-01-Comp2-4-10.2'. Associated target analytes detected in this sample should be qualified as estimated low.

The area of Perylene-d₁₂ was outside QC limits, low in LW-01-Comp2-4-10.2'MS1. Associated target analytes detected in this sample should be qualified as estimated high. Associated target analytes not detected in this sample should be qualified as estimated undetected.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of some of the surrogates was outside laboratory QC limits but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Benzidine was outside QC limits, low in B170795-BS1/BSD1. The %RPD between B170795-BS1 and B170795BSD1 was outside QC limits for Benzidine and 3,3-Dichlorobenzidine. The %RPD between B170805-BS1 and B170805-BSD1 was outside QC limits for Benzidine. These target analytes should be qualified as estimated in the associated samples.

MS/MSD

All criteria were met except the %Rec of Fluoranthene, Phenanthrene and Pyrene were outside QC limits, high in LW-01-Comp2-4-10.2'MS/MSD. These target analytes should be qualified as estimated in LW-01-Comp2-4-10.2'MS/MSD and LW-01-Comp2-4-10.2', if detected.

The %Rec of Aniline, Benzo(a)anthracene, 4-Chloroaniline, 2,6-Dinitrotoluene, Hexachloroethane, 1-Methylnaphthalene, Nitrobenzene, 2-Nitrophenol and Pyridine was outside QC limits, low in LW-01-Comp2-4-10.2'MS/MSD. These target analytes should be qualified as estimated in LW-01-Comp2-4-10.2'MS/MSD and LW-01-Comp2-4-10.2'.

The RPD of Acenaphthene, Anthracene, Benzo(b)fluoranthene, Carbazole, Chrysene, Hexachlorobenzene, Hexachlorobutadiene, 3/4-Methylphenol, Naphthalene, 2-Nitroaniline, 3-Nitroaniline, 4-Nitroaniline, N-Nitrosodimethylamine, Phenol, 1,2,4,5-Tetrachlorobenzene,

Fluoranthene, Phenanthrene, Pyrene, Aniline, 4-Chloroaniline, 2,6-Dinitrotoluene, Nitrobenzene and Pyridine was outside QC limits between LW-01-Comp2-4-10.2'MS and LW-01-Comp2-4-10.2'MSD. These target analytes should be qualified as estimated in LW-01-Comp2-4-10.2'MS/MSD and LW-01-Comp2-4-10.2'.

The %Rec of Benzidine, Benzoic acid, Hexachlorocyclopentadiene, Pentachloronitrobenzene, 4,6-Dinitro-2-methylphenol and 2,4-Dinitrophenol was 0% in LW-01-Comp2-4-10.2'MS/MSD. These target analytes should be qualified as estimated, if detected in LW-01-Comp2-4-10.2' or qualified as unusable if undetected in LW-01-Comp2-4-10.2'.

Several target analytes were outside QC limits in LW-01-Comp2-4-10.2'MSD but were within limits in LW-01-Comp2-4-10.2'MS, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Benzidine was outside ASP outer QC limits in S013596-CCV1, S013729-CCV1 and S013730-CCV1. This target analytes should be qualified as estimated in the associated blanks, spikes and samples.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

The %D of several target analytes was outside laboratory QC limits but within ASP limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in MS/MSD and Compound Quantitation.

Samples; LW-01-Comp2-4-10.2', LW-01-Comp1-0-4', LW-02-Comp2-4-9.8' and LW-02-Comp1-0-4' were diluted due to high target analyte concentration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of all surrogates in LW-01-Comp1-0-4' and LW-02-Comp2-4-9.8' were outside QC limits due to dilution, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Aroclor 1260 was outside QC limits, high in LW-01-Comp2-4-10.2'MS1/MSD1 off both columns and should be qualified as estimated. The %RPD of Aroclor 1260 between LW-01-Comp2-4-10.2'MS1 and LW-01-Comp2-4-10.2'MSD1 was outside QC limits off both columns. This target analyte should be qualified as estimated in LW-01-Comp2-4-10.2'.

The %Rec of Aroclor 1016 was outside QC limits, high in LW-01-Comp2-4-10.2'MSD1 off column 2 and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1254 in sample LW-01-Comp2-4-10.2'. The RPD between the columns was outside QC limits for Aroclor 1016 and Aroclor 1260 in samples LW-01-Comp2-4-10.2'MS1/MSD1. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on some of the target analytes in the initial calibration performed on instrument ECD10 with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, Laboratory Control Samples, MS/MSD/Duplicate and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except Form 3 for sequence S013750 was not included in the reissued report. This form was included in the original report and should be added to the reissued report.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Pb was detected in B171093-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Hg was detected in B171271-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected

above the reporting limit should be qualified as estimated high.
Hg was detected above the reporting limit in LRB-01-2-16-17.

LABORATORY CONTROL SAMPLE

All criteria were met except the %Rec of Sb was outside QC limits, low in B171205-BS1/BSD1. This target analyte should be qualified as estimated in the associated laboratory control samples and the associated samples.

The %Rec of Al was outside ASP QC limits, high in B171205-BS1/BSD1. This target analyte should be qualified as estimated high in the associated laboratory control samples and the associated samples, if detected.

MS/MSD/DUPLICATE

All criteria were met except the %Rec of Zn was outside QC limits, high in LW-01-Comp2-4-10.2'MS1/MSD1. This target analyte should be qualified as estimated high if detected in the associated samples.

The RPD between LW-01-Comp2-4-10.2'RE1MS1 and LW-01-Comp2-4-10.2'RE1MSD1 was outside QC limits for Pb. This target analyte should be qualified as estimated in the associated samples.

The %Rec of Sb and Na was outside QC limits in LW-01-Comp2-4-10.2'MSD1, and should be qualified as estimated. They were within limits in LW-01-Comp2-4-10.2'MS1, so no further action is required. The %Rec of Ba and Pb was outside QC limits in LW-01-Comp2-4-10.2'RE1MS1, and should be qualified as estimated. They were within limits in LW-01-Comp2-4-10.2'RE1MSD1, so no further action is required.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Be, Cd, Pb, Mg, Tl and Se was outside ASP QC limits, high, in S013756-LCV1. The %Rec of Al, As, Be, Cd, Pb and Ag was outside ASP QC limits, high in S013758-LCV1. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of Al, Co, Ag and V was outside ASP QC limits, low, in S013756-LCV1. The %Rec of Co and V was outside ASP QC limits, low in S013758-LCV1. The %Rec of Sb, Pb and Zn was outside ASP QC limits, low in S013808-LCV1. The %Rec of Hg was outside ASP QC limits, low in S013750-CCV4, 5, 6. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids
- Cyanide

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

%SOLIDS

All criteria were met.

CYANIDE

All criteria were met.

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-02-2-20-17	17B0911-01	Aluminum		U		N	
LRB-02-2-20-17	17B0911-01	Antimony		U		N	
LRB-02-2-20-17	17B0911-01	Arsenic		U		N	
LRB-02-2-20-17	17B0911-01	Barium		U		N	
LRB-02-2-20-17	17B0911-01	Beryllium		U		N	
LRB-02-2-20-17	17B0911-01	Cadmium		U		N	
LRB-02-2-20-17	17B0911-01	Calcium		U		N	
LRB-02-2-20-17	17B0911-01	Chromium, Total		U		N	
LRB-02-2-20-17	17B0911-01	Cobalt		U		N	
LRB-02-2-20-17	17B0911-01	Copper		U		N	
LRB-02-2-20-17	17B0911-01	Iron		U		N	
LRB-02-2-20-17	17B0911-01	Lead		U		N	
LRB-02-2-20-17	17B0911-01	Magnesium		U		N	
LRB-02-2-20-17	17B0911-01	Manganese		U		N	
LRB-02-2-20-17	17B0911-01	Nickel		U		N	
LRB-02-2-20-17	17B0911-01	Potassium		U		N	
LRB-02-2-20-17	17B0911-01	Selenium		U		N	
LRB-02-2-20-17	17B0911-01	Silver		U		N	
LRB-02-2-20-17	17B0911-01	Sodium		U		N	
LRB-02-2-20-17	17B0911-01	Thallium		U		N	
LRB-02-2-20-17	17B0911-01	Vanadium		U		N	
LRB-02-2-20-17	17B0911-01	Zinc		U		N	
LRB-02-2-20-17	17B0911-01	Mercury	0.00013			N	
LRB-02-2-20-17	17B0911-01	2,4,5,6-Tetrachloro-Meta-Xylene	80.8			N	
LRB-02-2-20-17	17B0911-01	Alachlor		U		N	
LRB-02-2-20-17	17B0911-01	Aldrin		U		N	
LRB-02-2-20-17	17B0911-01	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LRB-02-2-20-17	17B0911-01	Alpha Endosulfan		U		N	
LRB-02-2-20-17	17B0911-01	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
LRB-02-2-20-17	17B0911-01	Beta Endosulfan		U		N	
LRB-02-2-20-17	17B0911-01	Chlordane		U		N	
LRB-02-2-20-17	17B0911-01	Decachlorobiphenyl (PCB 209)	35.7			N	
LRB-02-2-20-17	17B0911-01	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LRB-02-2-20-17	17B0911-01	Dieldrin		U		N	
LRB-02-2-20-17	17B0911-01	Endosulfan Sulfate		U		N	
LRB-02-2-20-17	17B0911-01	Endrin		U		N	
LRB-02-2-20-17	17B0911-01	Endrin Aldehyde		U		N	
LRB-02-2-20-17	17B0911-01	Endrin Ketone		U		N	
LRB-02-2-20-17	17B0911-01	Gamma Bhc (Lindane)		U		N	
LRB-02-2-20-17	17B0911-01	Heptachlor		U		N	
LRB-02-2-20-17	17B0911-01	Heptachlor Epoxide		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Methoxychlor		U		N	
LRB-02-2-20-17	17B0911-01	P,P'-DDD		U		N	
LRB-02-2-20-17	17B0911-01	P,P'-DDE		U		N	
LRB-02-2-20-17	17B0911-01	P,P'-DDT		U		N	
LRB-02-2-20-17	17B0911-01	Toxaphene		U		N	
LRB-02-2-20-17	17B0911-01	2,4,5,6-Tetrachloro-Meta-Xylene	85.8			N	
LRB-02-2-20-17	17B0911-01	Decachlorobiphenyl (PCB 209)	48.3			N	
LRB-02-2-20-17	17B0911-01	PCB-1016 (Aroclor 1016)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1221 (Aroclor 1221)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1232 (Aroclor 1232)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1242 (Aroclor 1242)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1248 (Aroclor 1248)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1254 (Aroclor 1254)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1260 (Aroclor 1260)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1262 (Aroclor 1262)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1268 (Aroclor 1268)		U		N	
LRB-02-2-20-17	17B0911-01	1,1,1,2-Tetrachloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1,1-Trichloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1,2,2-Tetrachloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1,2-Trichloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1-Dichloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1-Dichloroethene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-02-2-20-17	17B0911-01	1,1-Dichloropropene		U		N	
LRB-02-2-20-17	17B0911-01	1,2,3-Trichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2,3-Trichloropropane		U		N	
LRB-02-2-20-17	17B0911-01	1,2,4-Trichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2,4-Trimethylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dibromo-3-Chloropropane		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dichloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dichloroethane-D4	98.8			N	
LRB-02-2-20-17	17B0911-01	1,2-Dichloropropane		U		N	
LRB-02-2-20-17	17B0911-01	1,3,5-Trichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LRB-02-2-20-17	17B0911-01	1,3-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,3-Dichloropropane		U		N	
LRB-02-2-20-17	17B0911-01	1,4-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,4-Dichlorobenzene-D4	30			N	
LRB-02-2-20-17	17B0911-01	1,4-Difluorobenzene	30			N	
LRB-02-2-20-17	17B0911-01	1,4-Dioxane (P-Dioxane)		U		N	
LRB-02-2-20-17	17B0911-01	2,2-Dichloropropane		U		N	
LRB-02-2-20-17	17B0911-01	2-Chlorotoluene		U		N	
LRB-02-2-20-17	17B0911-01	2-Hexanone		U		N	
LRB-02-2-20-17	17B0911-01	2-Methoxy-2-Methylbutane		U		N	
LRB-02-2-20-17	17B0911-01	4-Chlorotoluene		U		N	
LRB-02-2-20-17	17B0911-01	Acetone		U		N	
LRB-02-2-20-17	17B0911-01	Acrylonitrile		U		N	
LRB-02-2-20-17	17B0911-01	Benzene		U		N	
LRB-02-2-20-17	17B0911-01	Bromobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Bromochloromethane		U		N	
LRB-02-2-20-17	17B0911-01	Bromodichloromethane		U		N	
LRB-02-2-20-17	17B0911-01	Bromoform		U		N	
LRB-02-2-20-17	17B0911-01	Bromomethane		U		N	
LRB-02-2-20-17	17B0911-01	Carbon Disulfide		U		N	
LRB-02-2-20-17	17B0911-01	Carbon Tetrachloride		U		N	
LRB-02-2-20-17	17B0911-01	Chlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Chlorobenzene-D5	30			N	
LRB-02-2-20-17	17B0911-01	Chloroethane		U		N	
LRB-02-2-20-17	17B0911-01	Chloroform		U		N	
LRB-02-2-20-17	17B0911-01	Chloromethane		U		N	
LRB-02-2-20-17	17B0911-01	Cis-1,2-Dichloroethylene		U		N	
LRB-02-2-20-17	17B0911-01	Cis-1,3-Dichloropropene		U		N	
LRB-02-2-20-17	17B0911-01	Cyclohexane		U		N	
LRB-02-2-20-17	17B0911-01	Cymene		U		N	
LRB-02-2-20-17	17B0911-01	Dibromochloromethane		U		N	
LRB-02-2-20-17	17B0911-01	Dibromomethane		U		N	
LRB-02-2-20-17	17B0911-01	Dichlorodifluoromethane		U		N	
LRB-02-2-20-17	17B0911-01	Diethyl Ether (Ethyl Ether)		U		N	
LRB-02-2-20-17	17B0911-01	Ethyl Tert-Butyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	Ethylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorobutadiene		U		N	
LRB-02-2-20-17	17B0911-01	Isopropyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	Isopropylbenzene (Cumene)		U		N	
LRB-02-2-20-17	17B0911-01	m,p-Xylene		U		N	
LRB-02-2-20-17	17B0911-01	Methyl Acetate		U		N	
LRB-02-2-20-17	17B0911-01	Methyl Ethyl Ketone (2-Butanone)		U		N	
LRB-02-2-20-17	17B0911-01	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LRB-02-2-20-17	17B0911-01	Methylcyclohexane		U		N	
LRB-02-2-20-17	17B0911-01	Methylene Chloride		U		N	
LRB-02-2-20-17	17B0911-01	Naphthalene		U		N	
LRB-02-2-20-17	17B0911-01	N-Butylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	N-Propylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	O-Xylene (1,2-Dimethylbenzene)		U		N	
LRB-02-2-20-17	17B0911-01	p-Bromofluorobenzene	93.6			N	
LRB-02-2-20-17	17B0911-01	Pentafluorobenzene	30			N	
LRB-02-2-20-17	17B0911-01	Sec-Butylbenzene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-02-2-20-17	17B0911-01	Styrene		U		N	
LRB-02-2-20-17	17B0911-01	T-Butylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	Tert-Butyl Alcohol		U		N	
LRB-02-2-20-17	17B0911-01	Tert-Butyl Methyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	Tetrachloroethylene (PCE)		U		N	
LRB-02-2-20-17	17B0911-01	Tetrahydrofuran		U		N	
LRB-02-2-20-17	17B0911-01	Toluene		U		N	
LRB-02-2-20-17	17B0911-01	Toluene-D8	100			N	
LRB-02-2-20-17	17B0911-01	Trans-1,2-Dichloroethene		U		N	
LRB-02-2-20-17	17B0911-01	Trans-1,3-Dichloropropene		U		N	
LRB-02-2-20-17	17B0911-01	Trans-1,4-Dichloro-2-Butene		U		N	
LRB-02-2-20-17	17B0911-01	Trichloroethylene (TCE)		U		N	
LRB-02-2-20-17	17B0911-01	Trichlorofluoromethane		U		N	
LRB-02-2-20-17	17B0911-01	Vinyl Chloride		U		N	
LRB-02-2-20-17	17B0911-01	1,2,4,5-Tetrachlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2,4-Trichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Diphenylhydrazine		U		N	
LRB-02-2-20-17	17B0911-01	1,3-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,4-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,4-Dichlorobenzene-D4	40			N	
LRB-02-2-20-17	17B0911-01	1-Methylnaphthalene		U		N	
LRB-02-2-20-17	17B0911-01	2,4,5-Trichlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4,6-Tribromophenol	89.3			N	
LRB-02-2-20-17	17B0911-01	2,4,6-Trichlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4-Dichlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4-Dimethylphenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4-Dinitrophenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4-Dinitrotoluene		U		N	
LRB-02-2-20-17	17B0911-01	2,6-Dinitrotoluene		U		N	
LRB-02-2-20-17	17B0911-01	2-Chloronaphthalene		U		N	
LRB-02-2-20-17	17B0911-01	2-Chlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	2-Fluorobiphenyl	80.2			N	
LRB-02-2-20-17	17B0911-01	2-Fluorophenol	55.1			N	
LRB-02-2-20-17	17B0911-01	2-Methylnaphthalene		U		N	
LRB-02-2-20-17	17B0911-01	2-Methylphenol (O-Cresol)		U		N	
LRB-02-2-20-17	17B0911-01	2-Nitroaniline		U		N	
LRB-02-2-20-17	17B0911-01	2-Nitrophenol		U		N	
LRB-02-2-20-17	17B0911-01	3- And 4- Methylphenol (Total)		U		N	
LRB-02-2-20-17	17B0911-01	3,3'-Dichlorobenzidine		U		N	
LRB-02-2-20-17	17B0911-01	3-Nitroaniline		U		N	
LRB-02-2-20-17	17B0911-01	4,6-Dinitro-2-Methylphenol		U		N	
LRB-02-2-20-17	17B0911-01	4-Bromophenyl Phenyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	4-Chloro-3-Methylphenol		U		N	
LRB-02-2-20-17	17B0911-01	4-Chloroaniline		U		N	
LRB-02-2-20-17	17B0911-01	4-Chlorophenyl Phenyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	4-Nitroaniline		U		N	
LRB-02-2-20-17	17B0911-01	4-Nitrophenol		U		N	
LRB-02-2-20-17	17B0911-01	Acenaphthene		U		N	
LRB-02-2-20-17	17B0911-01	Acenaphthene-D10	40			N	
LRB-02-2-20-17	17B0911-01	Acenaphthylene		U		N	
LRB-02-2-20-17	17B0911-01	Acetophenone		U		N	
LRB-02-2-20-17	17B0911-01	Aniline		U		N	
LRB-02-2-20-17	17B0911-01	Anthracene		U		N	
LRB-02-2-20-17	17B0911-01	Benzidine		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(A)Anthracene		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(A)Pyrene		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(B)Fluoranthene		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(G,H,I)Perylene		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(K)Fluoranthene		U		N	
LRB-02-2-20-17	17B0911-01	Benzoic Acid		U		N	
LRB-02-2-20-17	17B0911-01	Benzyl Butyl Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Bis(2-Chloroethoxy) Methane		U		N	
LRB-02-2-20-17	17B0911-01	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LRB-02-2-20-17	17B0911-01	Bis(2-Chloroisopropyl) Ether		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-02-2-20-17	17B0911-01	Bis(2-Ethylhexyl) Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Carbazole		U		N	
LRB-02-2-20-17	17B0911-01	Chrysene		U		N	
LRB-02-2-20-17	17B0911-01	Chrysene-D12	40			N	
LRB-02-2-20-17	17B0911-01	Dibenz(A,H)Anthracene		U		N	
LRB-02-2-20-17	17B0911-01	Dibenzofuran		U		N	
LRB-02-2-20-17	17B0911-01	Diethyl Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Dimethyl Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Di-N-Butyl Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Di-N-Octylphthalate		U		N	
LRB-02-2-20-17	17B0911-01	Fluoranthene		U		N	
LRB-02-2-20-17	17B0911-01	Fluorene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorobutadiene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorocyclopentadiene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachloroethane		U		N	
LRB-02-2-20-17	17B0911-01	Indeno(1,2,3-C,D)Pyrene		U		N	
LRB-02-2-20-17	17B0911-01	Isophorone		U		N	
LRB-02-2-20-17	17B0911-01	Naphthalene		U		N	
LRB-02-2-20-17	17B0911-01	Naphthalene-D8	40			N	
LRB-02-2-20-17	17B0911-01	Nitrobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Nitrobenzene-D5	85			N	
LRB-02-2-20-17	17B0911-01	N-Nitrosodimethylamine		U		N	
LRB-02-2-20-17	17B0911-01	N-Nitrosodi-N-Propylamine		U		N	
LRB-02-2-20-17	17B0911-01	N-Nitrosodiphenylamine		U		N	
LRB-02-2-20-17	17B0911-01	Pentachloronitrobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Pentachlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	Perylene-D12	40			N	
LRB-02-2-20-17	17B0911-01	Phenanthrene		U		N	
LRB-02-2-20-17	17B0911-01	Phenanthrene-D10	40			N	
LRB-02-2-20-17	17B0911-01	Phenol		U		N	
LRB-02-2-20-17	17B0911-01	Phenol-D6	38.2			N	
LRB-02-2-20-17	17B0911-01	Pyrene		U		N	
LRB-02-2-20-17	17B0911-01	Pyridine		U		N	
LRB-02-2-20-17	17B0911-01	Terphenyl-D14	88.2			N	
LRB-02-2-20-17	17B0911-01	Cyanide		U		N	
LRB-03-2-20-17	17B0911-02	Aluminum		U		N	
LRB-03-2-20-17	17B0911-02	Antimony		U		N	
LRB-03-2-20-17	17B0911-02	Arsenic		U		N	
LRB-03-2-20-17	17B0911-02	Barium		U		N	
LRB-03-2-20-17	17B0911-02	Beryllium		U		N	
LRB-03-2-20-17	17B0911-02	Cadmium		U		N	
LRB-03-2-20-17	17B0911-02	Calcium	0.21			N	
LRB-03-2-20-17	17B0911-02	Chromium, Total		U		N	
LRB-03-2-20-17	17B0911-02	Cobalt		U		N	
LRB-03-2-20-17	17B0911-02	Copper		U		N	
LRB-03-2-20-17	17B0911-02	Iron		U		N	
LRB-03-2-20-17	17B0911-02	Lead		U		N	
LRB-03-2-20-17	17B0911-02	Magnesium		U		N	
LRB-03-2-20-17	17B0911-02	Manganese		U		N	
LRB-03-2-20-17	17B0911-02	Nickel		U		N	
LRB-03-2-20-17	17B0911-02	Potassium		U		N	
LRB-03-2-20-17	17B0911-02	Selenium		U		N	
LRB-03-2-20-17	17B0911-02	Silver		U		N	
LRB-03-2-20-17	17B0911-02	Sodium		U		N	
LRB-03-2-20-17	17B0911-02	Thallium		U		N	
LRB-03-2-20-17	17B0911-02	Vanadium		U		N	
LRB-03-2-20-17	17B0911-02	Zinc		U		N	
LRB-03-2-20-17	17B0911-02	Mercury	0.00014			N	
LRB-03-2-20-17	17B0911-02	2,4,5,6-Tetrachloro-Meta-Xylene	77.1			N	
LRB-03-2-20-17	17B0911-02	Alachlor		U		N	
LRB-03-2-20-17	17B0911-02	Aldrin		U		N	
LRB-03-2-20-17	17B0911-02	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LRB-03-2-20-17	17B0911-02	Alpha Endosulfan		U		N	
LRB-03-2-20-17	17B0911-02	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-03-2-20-17	17B0911-02	Beta Endosulfan		U		N	
LRB-03-2-20-17	17B0911-02	Chlordane		U		N	
LRB-03-2-20-17	17B0911-02	Decachlorobiphenyl (PCB 209)	31.4			N	
LRB-03-2-20-17	17B0911-02	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LRB-03-2-20-17	17B0911-02	Dieldrin		U		N	
LRB-03-2-20-17	17B0911-02	Endosulfan Sulfate		U		N	
LRB-03-2-20-17	17B0911-02	Endrin		U		N	
LRB-03-2-20-17	17B0911-02	Endrin Aldehyde		U		N	
LRB-03-2-20-17	17B0911-02	Endrin Ketone		U		N	
LRB-03-2-20-17	17B0911-02	Gamma Bhc (Lindane)		U		N	
LRB-03-2-20-17	17B0911-02	Heptachlor		U		N	
LRB-03-2-20-17	17B0911-02	Heptachlor Epoxide		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Methoxychlor		U		N	
LRB-03-2-20-17	17B0911-02	P,P'-DDD		U		N	
LRB-03-2-20-17	17B0911-02	P,P'-DDE		U		N	
LRB-03-2-20-17	17B0911-02	P,P'-DDT		U		N	
LRB-03-2-20-17	17B0911-02	Toxaphene		U		N	
LRB-03-2-20-17	17B0911-02	2,4,5,6-Tetrachloro-Meta-Xylene	78.7			N	
LRB-03-2-20-17	17B0911-02	Decachlorobiphenyl (PCB 209)	60.1			N	
LRB-03-2-20-17	17B0911-02	PCB-1016 (Aroclor 1016)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1221 (Aroclor 1221)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1232 (Aroclor 1232)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1242 (Aroclor 1242)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1248 (Aroclor 1248)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1254 (Aroclor 1254)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1260 (Aroclor 1260)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1262 (Aroclor 1262)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1268 (Aroclor 1268)		U		N	
LRB-03-2-20-17	17B0911-02	1,1,1,2-Tetrachloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1,1-Trichloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1,2,2-Tetrachloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1,2-Trichloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1-Dichloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1-Dichloroethene		U		N	
LRB-03-2-20-17	17B0911-02	1,1-Dichloropropene		U		N	
LRB-03-2-20-17	17B0911-02	1,2,3-Trichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2,3-Trichloropropane		U		N	
LRB-03-2-20-17	17B0911-02	1,2,4-Trichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2,4-Trimethylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dibromo-3-Chloropropane		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dichloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dichloroethane-D4	98.8			N	
LRB-03-2-20-17	17B0911-02	1,2-Dichloropropane		U		N	
LRB-03-2-20-17	17B0911-02	1,3,5-Trichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LRB-03-2-20-17	17B0911-02	1,3-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,3-Dichloropropane		U		N	
LRB-03-2-20-17	17B0911-02	1,4-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,4-Dichlorobenzene-D4	30			N	
LRB-03-2-20-17	17B0911-02	1,4-Difluorobenzene	30			N	
LRB-03-2-20-17	17B0911-02	1,4-Dioxane (P-Dioxane)		U		N	
LRB-03-2-20-17	17B0911-02	2,2-Dichloropropane		U		N	
LRB-03-2-20-17	17B0911-02	2-Chlorotoluene		U		N	
LRB-03-2-20-17	17B0911-02	2-Hexanone		U		N	
LRB-03-2-20-17	17B0911-02	2-Methoxy-2-Methylbutane		U		N	
LRB-03-2-20-17	17B0911-02	4-Chlorotoluene		U		N	
LRB-03-2-20-17	17B0911-02	Acetone		U		N	
LRB-03-2-20-17	17B0911-02	Acrylonitrile		U		N	
LRB-03-2-20-17	17B0911-02	Benzene		U		N	
LRB-03-2-20-17	17B0911-02	Bromobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Bromochloromethane		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-03-2-20-17	17B0911-02	Bromodichloromethane		U		N	
LRB-03-2-20-17	17B0911-02	Bromoform		U		N	
LRB-03-2-20-17	17B0911-02	Bromomethane		U		N	
LRB-03-2-20-17	17B0911-02	Carbon Disulfide		U		N	
LRB-03-2-20-17	17B0911-02	Carbon Tetrachloride		U		N	
LRB-03-2-20-17	17B0911-02	Chlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Chlorobenzene-D5	30			N	
LRB-03-2-20-17	17B0911-02	Chloroethane		U		N	
LRB-03-2-20-17	17B0911-02	Chloroform		U		N	
LRB-03-2-20-17	17B0911-02	Chloromethane		U		N	
LRB-03-2-20-17	17B0911-02	Cis-1,2-Dichloroethylene		U		N	
LRB-03-2-20-17	17B0911-02	Cis-1,3-Dichloropropene		U		N	
LRB-03-2-20-17	17B0911-02	Cyclohexane		U		N	
LRB-03-2-20-17	17B0911-02	Cymene		U		N	
LRB-03-2-20-17	17B0911-02	Dibromochloromethane		U		N	
LRB-03-2-20-17	17B0911-02	Dibromomethane		U		N	
LRB-03-2-20-17	17B0911-02	Dichlorodifluoromethane		U		N	
LRB-03-2-20-17	17B0911-02	Diethyl Ether (Ethyl Ether)		U		N	
LRB-03-2-20-17	17B0911-02	Ethyl Tert-Butyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	Ethylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorobutadiene		U		N	
LRB-03-2-20-17	17B0911-02	Isopropyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	Isopropylbenzene (Cumene)		U		N	
LRB-03-2-20-17	17B0911-02	m,p-Xylene		U		N	
LRB-03-2-20-17	17B0911-02	Methyl Acetate		U		N	
LRB-03-2-20-17	17B0911-02	Methyl Ethyl Ketone (2-Butanone)		U		N	
LRB-03-2-20-17	17B0911-02	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LRB-03-2-20-17	17B0911-02	Methylcyclohexane		U		N	
LRB-03-2-20-17	17B0911-02	Methylene Chloride		U		N	
LRB-03-2-20-17	17B0911-02	Naphthalene		U		N	
LRB-03-2-20-17	17B0911-02	N-Butylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	N-Propylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	O-Xylene (1,2-Dimethylbenzene)		U		N	
LRB-03-2-20-17	17B0911-02	p-Bromofluorobenzene	93.5			N	
LRB-03-2-20-17	17B0911-02	Pentafluorobenzene	30			N	
LRB-03-2-20-17	17B0911-02	Sec-Butylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	Styrene		U		N	
LRB-03-2-20-17	17B0911-02	T-Butylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	Tert-Butyl Alcohol		U		N	
LRB-03-2-20-17	17B0911-02	Tert-Butyl Methyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	Tetrachloroethylene (PCE)		U		N	
LRB-03-2-20-17	17B0911-02	Tetrahydrofuran		U		N	
LRB-03-2-20-17	17B0911-02	Toluene		U		N	
LRB-03-2-20-17	17B0911-02	Toluene-D8	101			N	
LRB-03-2-20-17	17B0911-02	Trans-1,2-Dichloroethene		U		N	
LRB-03-2-20-17	17B0911-02	Trans-1,3-Dichloropropene		U		N	
LRB-03-2-20-17	17B0911-02	Trans-1,4-Dichloro-2-Butene		U		N	
LRB-03-2-20-17	17B0911-02	Trichloroethylene (TCE)		U		N	
LRB-03-2-20-17	17B0911-02	Trichlorofluoromethane		U		N	
LRB-03-2-20-17	17B0911-02	Vinyl Chloride		U		N	
LRB-03-2-20-17	17B0911-02	1,2,4,5-Tetrachlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2,4-Trichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Diphenylhydrazine		U		N	
LRB-03-2-20-17	17B0911-02	1,3-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,4-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,4-Dichlorobenzene-D4	40			N	
LRB-03-2-20-17	17B0911-02	1-Methylnaphthalene		U		N	
LRB-03-2-20-17	17B0911-02	2,4,5-Trichlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4,6-Tribromophenol	88.7			N	
LRB-03-2-20-17	17B0911-02	2,4,6-Trichlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4-Dichlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4-Dimethylphenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4-Dinitrophenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4-Dinitrotoluene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-03-2-20-17	17B0911-02	2,6-Dinitrotoluene		U		N	
LRB-03-2-20-17	17B0911-02	2-Chloronaphthalene		U		N	
LRB-03-2-20-17	17B0911-02	2-Chlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	2-Fluorobiphenyl	77.8			N	
LRB-03-2-20-17	17B0911-02	2-Fluorophenol	53.2			N	
LRB-03-2-20-17	17B0911-02	2-Methylnaphthalene		U		N	
LRB-03-2-20-17	17B0911-02	2-Methylphenol (O-Cresol)		U		N	
LRB-03-2-20-17	17B0911-02	2-Nitroaniline		U		N	
LRB-03-2-20-17	17B0911-02	2-Nitrophenol		U		N	
LRB-03-2-20-17	17B0911-02	3- And 4- Methylphenol (Total)		U		N	
LRB-03-2-20-17	17B0911-02	3,3'-Dichlorobenzidine		U		N	
LRB-03-2-20-17	17B0911-02	3-Nitroaniline		U		N	
LRB-03-2-20-17	17B0911-02	4,6-Dinitro-2-Methylphenol		U		N	
LRB-03-2-20-17	17B0911-02	4-Bromophenyl Phenyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	4-Chloro-3-Methylphenol		U		N	
LRB-03-2-20-17	17B0911-02	4-Chloroaniline		U		N	
LRB-03-2-20-17	17B0911-02	4-Chlorophenyl Phenyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	4-Nitroaniline		U		N	
LRB-03-2-20-17	17B0911-02	4-Nitrophenol		U		N	
LRB-03-2-20-17	17B0911-02	Acenaphthene		U		N	
LRB-03-2-20-17	17B0911-02	Acenaphthene-D10	40			N	
LRB-03-2-20-17	17B0911-02	Acenaphthylene		U		N	
LRB-03-2-20-17	17B0911-02	Acetophenone		U		N	
LRB-03-2-20-17	17B0911-02	Aniline		U		N	
LRB-03-2-20-17	17B0911-02	Anthracene		U		N	
LRB-03-2-20-17	17B0911-02	Benzidine		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(A)Anthracene		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(A)Pyrene		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(B)Fluoranthene		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(G,H,I)Perylene		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(K)Fluoranthene		U		N	
LRB-03-2-20-17	17B0911-02	Benzoic Acid		U		N	
LRB-03-2-20-17	17B0911-02	Benzyl Butyl Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Bis(2-Chloroethoxy) Methane		U		N	
LRB-03-2-20-17	17B0911-02	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LRB-03-2-20-17	17B0911-02	Bis(2-Chloroisopropyl) Ether		U		N	
LRB-03-2-20-17	17B0911-02	Bis(2-Ethylhexyl) Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Carbazole		U		N	
LRB-03-2-20-17	17B0911-02	Chrysene		U		N	
LRB-03-2-20-17	17B0911-02	Chrysene-D12	40			N	
LRB-03-2-20-17	17B0911-02	Dibenz(A,H)Anthracene		U		N	
LRB-03-2-20-17	17B0911-02	Dibenzofuran		U		N	
LRB-03-2-20-17	17B0911-02	Diethyl Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Dimethyl Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Di-N-Butyl Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Di-N-Octylphthalate		U		N	
LRB-03-2-20-17	17B0911-02	Fluoranthene		U		N	
LRB-03-2-20-17	17B0911-02	Fluorene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorobutadiene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorocyclopentadiene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachloroethane		U		N	
LRB-03-2-20-17	17B0911-02	Indeno(1,2,3-C,D)Pyrene		U		N	
LRB-03-2-20-17	17B0911-02	Isophorone		U		N	
LRB-03-2-20-17	17B0911-02	Naphthalene		U		N	
LRB-03-2-20-17	17B0911-02	Naphthalene-D8	40			N	
LRB-03-2-20-17	17B0911-02	Nitrobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Nitrobenzene-D5	77.9			N	
LRB-03-2-20-17	17B0911-02	N-Nitrosodimethylamine		U		N	
LRB-03-2-20-17	17B0911-02	N-Nitrosodi-N-Propylamine		U		N	
LRB-03-2-20-17	17B0911-02	N-Nitrosodiphenylamine		U		N	
LRB-03-2-20-17	17B0911-02	Pentachloronitrobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Pentachlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	Perylene-D12	40			N	
LRB-03-2-20-17	17B0911-02	Phenanthrene		U		N	

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LRB-03-2-20-17	17B0911-02	Phenanthrene-D10	40			N	
LRB-03-2-20-17	17B0911-02	Phenol		U		N	
LRB-03-2-20-17	17B0911-02	Phenol-D6	36			N	
LRB-03-2-20-17	17B0911-02	Pyrene		U		N	
LRB-03-2-20-17	17B0911-02	Pyridine		U		N	
LRB-03-2-20-17	17B0911-02	Terphenyl-D14	87.8			N	
LRB-03-2-20-17	17B0911-02	Cyanide		U		N	
VOC TRIP BLANK	17B0911-03	1,1,1,2-Tetrachloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1,1-Trichloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1,2,2-Tetrachloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1,2-Trichloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1-Dichloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1-Dichloroethene		U		N	
VOC TRIP BLANK	17B0911-03	1,1-Dichloropropene		U		N	
VOC TRIP BLANK	17B0911-03	1,2,3-Trichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,2,3-Trichloropropane		U		N	
VOC TRIP BLANK	17B0911-03	1,2,4-Trichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,2,4-Trimethylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dibromo-3-Chloropropane		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dichloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dichloroethane-D4	101			N	
VOC TRIP BLANK	17B0911-03	1,2-Dichloropropane		U		N	
VOC TRIP BLANK	17B0911-03	1,3,5-Trichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
VOC TRIP BLANK	17B0911-03	1,3-Dichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,3-Dichloropropane		U		N	
VOC TRIP BLANK	17B0911-03	1,4-Dichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,4-Dichlorobenzene-D4	30			N	
VOC TRIP BLANK	17B0911-03	1,4-Difluorobenzene	30			N	
VOC TRIP BLANK	17B0911-03	1,4-Dioxane (P-Dioxane)		U		N	
VOC TRIP BLANK	17B0911-03	2,2-Dichloropropane		U		N	
VOC TRIP BLANK	17B0911-03	2-Chlorotoluene		U		N	
VOC TRIP BLANK	17B0911-03	2-Hexanone		U		N	
VOC TRIP BLANK	17B0911-03	2-Methoxy-2-Methylbutane		U		N	
VOC TRIP BLANK	17B0911-03	4-Chlorotoluene		U		N	
VOC TRIP BLANK	17B0911-03	Acetone		U		N	
VOC TRIP BLANK	17B0911-03	Acrylonitrile		U		N	
VOC TRIP BLANK	17B0911-03	Benzene		U		N	
VOC TRIP BLANK	17B0911-03	Bromobenzene		U		N	
VOC TRIP BLANK	17B0911-03	Bromochloromethane		U		N	
VOC TRIP BLANK	17B0911-03	Bromodichloromethane		U		N	
VOC TRIP BLANK	17B0911-03	Bromoform		U		N	
VOC TRIP BLANK	17B0911-03	Bromomethane		U		N	
VOC TRIP BLANK	17B0911-03	Carbon Disulfide		U		N	
VOC TRIP BLANK	17B0911-03	Carbon Tetrachloride		U		N	
VOC TRIP BLANK	17B0911-03	Chlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	Chlorobenzene-D5	30			N	
VOC TRIP BLANK	17B0911-03	Chloroethane		U		N	
VOC TRIP BLANK	17B0911-03	Chloroform		U		N	
VOC TRIP BLANK	17B0911-03	Chloromethane		U		N	
VOC TRIP BLANK	17B0911-03	Cis-1,2-Dichloroethylene		U		N	
VOC TRIP BLANK	17B0911-03	Cis-1,3-Dichloropropene		U		N	
VOC TRIP BLANK	17B0911-03	Cyclohexane		U		N	
VOC TRIP BLANK	17B0911-03	Cymene		U		N	
VOC TRIP BLANK	17B0911-03	Dibromochloromethane		U		N	
VOC TRIP BLANK	17B0911-03	Dibromomethane		U		N	
VOC TRIP BLANK	17B0911-03	Dichlorodifluoromethane		U		N	
VOC TRIP BLANK	17B0911-03	Diethyl Ether (Ethyl Ether)		U		N	
VOC TRIP BLANK	17B0911-03	Ethyl Tert-Butyl Ether		U		N	
VOC TRIP BLANK	17B0911-03	Ethylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	Hexachlorobutadiene		U		N	
VOC TRIP BLANK	17B0911-03	Isopropyl Ether		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
VOC TRIP BLANK	17B0911-03	Isopropylbenzene (Cumene)		U		N	
VOC TRIP BLANK	17B0911-03	m,p-Xylene		U		N	
VOC TRIP BLANK	17B0911-03	Methyl Acetate		U		N	
VOC TRIP BLANK	17B0911-03	Methyl Ethyl Ketone (2-Butanone)		U		N	
VOC TRIP BLANK	17B0911-03	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
VOC TRIP BLANK	17B0911-03	Methylcyclohexane		U		N	
VOC TRIP BLANK	17B0911-03	Methylene Chloride		U		N	
VOC TRIP BLANK	17B0911-03	Naphthalene		U		N	
VOC TRIP BLANK	17B0911-03	N-Butylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	N-Propylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	O-Xylene (1,2-Dimethylbenzene)		U		N	
VOC TRIP BLANK	17B0911-03	p-Bromofluorobenzene	92.8			N	
VOC TRIP BLANK	17B0911-03	Pentafluorobenzene	30			N	
VOC TRIP BLANK	17B0911-03	Sec-Butylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	Styrene		U		N	
VOC TRIP BLANK	17B0911-03	T-Butylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	Tert-Butyl Alcohol		U		N	
VOC TRIP BLANK	17B0911-03	Tert-Butyl Methyl Ether		U		N	
VOC TRIP BLANK	17B0911-03	Tetrachloroethylene (PCE)		U		N	
VOC TRIP BLANK	17B0911-03	Tetrahydrofuran		U		N	
VOC TRIP BLANK	17B0911-03	Toluene		U		N	
VOC TRIP BLANK	17B0911-03	Toluene-D8	100			N	
VOC TRIP BLANK	17B0911-03	Trans-1,2-Dichloroethene		U		N	
VOC TRIP BLANK	17B0911-03	Trans-1,3-Dichloropropene		U		N	
VOC TRIP BLANK	17B0911-03	Trans-1,4-Dichloro-2-Butene		U		N	
VOC TRIP BLANK	17B0911-03	Trichloroethylene (TCE)		U		N	
VOC TRIP BLANK	17B0911-03	Trichlorofluoromethane		U		N	
VOC TRIP BLANK	17B0911-03	Vinyl Chloride		U		N	
LW-05-COMP1-0-6'	17B0911-04	Arsenic	4.4			N	
LW-05-COMP1-0-6'	17B0911-04	Arsenic	0.011			N	
LW-05-COMP1-0-6'	17B0911-04	Barium	130			N	
LW-05-COMP1-0-6'	17B0911-04	Barium	0.34			N	
LW-05-COMP1-0-6'	17B0911-04	Cadmium	1.7			N	
LW-05-COMP1-0-6'	17B0911-04	Cadmium	0.0051			N	
LW-05-COMP1-0-6'	17B0911-04	Chromium, Total	39			N	
LW-05-COMP1-0-6'	17B0911-04	Chromium, Total		U		N	
LW-05-COMP1-0-6'	17B0911-04	Lead	700			N	
LW-05-COMP1-0-6'	17B0911-04	Lead	0.47			N	
LW-05-COMP1-0-6'	17B0911-04	Mercury	0.00028			N	
LW-05-COMP1-0-6'	17B0911-04	Selenium	5.5	J		N	
LW-05-COMP1-0-6'	17B0911-04	Selenium		U		N	
LW-05-COMP1-0-6'	17B0911-04	Silver		U		N	
LW-05-COMP1-0-6'	17B0911-04	Silver		U		N	
LW-05-COMP1-0-6'	17B0911-04	Arsenic		U		N	
LW-05-COMP1-0-6'	17B0911-04	Barium	220	D		N	
LW-05-COMP1-0-6'	17B0911-04	Cadmium		U		N	
LW-05-COMP1-0-6'	17B0911-04	Chromium, Total		U		N	
LW-05-COMP1-0-6'	17B0911-04	Lead	52	D		N	
LW-05-COMP1-0-6'	17B0911-04	Selenium		U		N	
LW-05-COMP1-0-6'	17B0911-04	Silver		U		N	
LW-05-COMP1-0-6'	17B0911-04	Mercury	0.00017			N	
LW-05-COMP1-0-6'	17B0911-04	Mercury	0.45			N	
LW-05-COMP1-0-6'	17B0911-04	Solids, Percent	80.1			N	
LW-06-COMP1-0-4'	17B0911-05	Aluminum	3100			N	
LW-06-COMP1-0-4'	17B0911-05	Antimony		U		N	
LW-06-COMP1-0-4'	17B0911-05	Arsenic		U		N	
LW-06-COMP1-0-4'	17B0911-05	Barium	34			N	
LW-06-COMP1-0-4'	17B0911-05	Beryllium	0.29			N	
LW-06-COMP1-0-4'	17B0911-05	Cadmium	0.56			N	
LW-06-COMP1-0-4'	17B0911-05	Calcium	13000			N	
LW-06-COMP1-0-4'	17B0911-05	Chromium, Total	15			N	
LW-06-COMP1-0-4'	17B0911-05	Cobalt		U		N	
LW-06-COMP1-0-4'	17B0911-05	Copper	28			N	
LW-06-COMP1-0-4'	17B0911-05	Iron	19000			N	
LW-06-COMP1-0-4'	17B0911-05	Lead	15			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-06-COMP1-0-4'	17B0911-05	Magnesium	4100			N	
LW-06-COMP1-0-4'	17B0911-05	Manganese	470			N	
LW-06-COMP1-0-4'	17B0911-05	Nickel	15			N	
LW-06-COMP1-0-4'	17B0911-05	Potassium	470			N	
LW-06-COMP1-0-4'	17B0911-05	Selenium	3.9	J		N	
LW-06-COMP1-0-4'	17B0911-05	Silver		U		N	
LW-06-COMP1-0-4'	17B0911-05	Sodium	380			N	
LW-06-COMP1-0-4'	17B0911-05	Thallium		U		N	
LW-06-COMP1-0-4'	17B0911-05	Vanadium	8.3			N	
LW-06-COMP1-0-4'	17B0911-05	Zinc	41			N	
LW-06-COMP1-0-4'	17B0911-05	Mercury		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4,5,6-Tetrachloro-Meta-Xylene	76.5			N	
LW-06-COMP1-0-4'	17B0911-05	Decachlorobiphenyl (PCB 209)	71.8			N	
LW-06-COMP1-0-4'	17B0911-05	Endrin Aldehyde		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4,5,6-Tetrachloro-Meta-Xylene	77.2			N	
LW-06-COMP1-0-4'	17B0911-05	Decachlorobiphenyl (PCB 209)	77.8			N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1016 (Aroclor 1016)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1221 (Aroclor 1221)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1232 (Aroclor 1232)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1242 (Aroclor 1242)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1248 (Aroclor 1248)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1254 (Aroclor 1254)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1260 (Aroclor 1260)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1262 (Aroclor 1262)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1268 (Aroclor 1268)		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,2,4,5-Tetrachlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,2,4-Trichlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,2-Dichlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,2-Diphenylhydrazine		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,3-Dichlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,4-Dichlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,4-Dichlorobenzene-D4	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	1-Methylnaphthalene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4,5-Trichlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4,6-Tribromophenol	54.6			N	
LW-06-COMP1-0-4'	17B0911-05	2,4,6-Trichlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4-Dichlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4-Dimethylphenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4-Dinitrophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4-Dinitrotoluene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,6-Dinitrotoluene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Chloronaphthalene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Chlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Fluorobiphenyl	75.6			N	
LW-06-COMP1-0-4'	17B0911-05	2-Fluorophenol	57.6			N	
LW-06-COMP1-0-4'	17B0911-05	2-Methylnaphthalene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Methylphenol (O-Cresol)		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Nitroaniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Nitrophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	3- And 4- Methylphenol (Total)		U		N	
LW-06-COMP1-0-4'	17B0911-05	3,3'-Dichlorobenzidine		U		N	
LW-06-COMP1-0-4'	17B0911-05	3-Nitroaniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	4,6-Dinitro-2-Methylphenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Bromophenyl Phenyl Ether		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Chloro-3-Methylphenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Chloroaniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Chlorophenyl Phenyl Ether		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Nitroaniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Nitrophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	Acenaphthene	0.21			N	
LW-06-COMP1-0-4'	17B0911-05	Acenaphthene-D10	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Acenaphthylene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Acetophenone		U		N	
LW-06-COMP1-0-4'	17B0911-05	Aniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	Anthracene	0.32			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-06-COMP1-0-4'	17B0911-05	Benzidine		U		N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(A)Anthracene	0.59			N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(A)Pyrene	0.32			N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(B)Fluoranthene	0.53			N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(G,H,I)Perylene	0.19			N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(K)Fluoranthene	0.21			N	
LW-06-COMP1-0-4'	17B0911-05	Benzoic Acid		U		N	
LW-06-COMP1-0-4'	17B0911-05	Benzyl Butyl Phthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Bis(2-Chloroethoxy) Methane		U		N	
LW-06-COMP1-0-4'	17B0911-05	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LW-06-COMP1-0-4'	17B0911-05	Bis(2-Chloroisopropyl) Ether		U		N	
LW-06-COMP1-0-4'	17B0911-05	Bis(2-Ethylhexyl) Phthalate	0.35			N	
LW-06-COMP1-0-4'	17B0911-05	Carbazole	0.26			N	
LW-06-COMP1-0-4'	17B0911-05	Chrysene	0.59			N	
LW-06-COMP1-0-4'	17B0911-05	Chrysene-D12	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Dibenz(A,H)Anthracene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Dibenzofuran		U		N	
LW-06-COMP1-0-4'	17B0911-05	Diethyl Phthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Dimethyl Phthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Di-N-Butyl Phthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Di-N-Octylphthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Fluoranthene	1.8			N	
LW-06-COMP1-0-4'	17B0911-05	Fluorene	0.22			N	
LW-06-COMP1-0-4'	17B0911-05	Hexachlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Hexachlorobutadiene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Hexachlorocyclopentadiene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Hexachloroethane		U		N	
LW-06-COMP1-0-4'	17B0911-05	Indeno(1,2,3-C,D)Pyrene	0.18			N	
LW-06-COMP1-0-4'	17B0911-05	Isophorone		U		N	
LW-06-COMP1-0-4'	17B0911-05	Naphthalene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Naphthalene-D8	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Nitrobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Nitrobenzene-D5	61.5			N	
LW-06-COMP1-0-4'	17B0911-05	N-Nitrosodimethylamine		U		N	
LW-06-COMP1-0-4'	17B0911-05	N-Nitrosodi-N-Propylamine		U		N	
LW-06-COMP1-0-4'	17B0911-05	N-Nitrosodiphenylamine		U		N	
LW-06-COMP1-0-4'	17B0911-05	Pentachloronitrobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Pentachlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	Perylene-D12	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Phenanthrene	2.5			N	
LW-06-COMP1-0-4'	17B0911-05	Phenanthrene-D10	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Phenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	Phenol-D6	62.4			N	
LW-06-COMP1-0-4'	17B0911-05	Pyrene	1.5			N	
LW-06-COMP1-0-4'	17B0911-05	Pyridine		U		N	
LW-06-COMP1-0-4'	17B0911-05	Terphenyl-D14	73.1			N	
LW-06-COMP1-0-4'	17B0911-05	Solids, Percent	96.9			N	
LW-06-COMP1-0-4'	17B0911-05	Cyanide	0.9			N	
LW-06-COMP1-0-4'	17B0911-05RE1	2,4,5,6-Tetrachloro-Meta-Xylene	79			N	
LW-06-COMP1-0-4'	17B0911-05RE1	Alachlor		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Aldrin		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Alpha Endosulfan		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Beta Endosulfan		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Chlordane		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Decachlorobiphenyl (PCB 209)	73.1			N	
LW-06-COMP1-0-4'	17B0911-05RE1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Dieldrin		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Endosulfan Sulfate		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Endrin		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Endrin Ketone		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Gamma Bhc (Lindane)		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Heptachlor		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Heptachlor Epoxide		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-06-COMP1-0-4'	17B0911-05RE1	Hexachlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Methoxychlor		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	P,P'-DDD		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	P,P'-DDE		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	P,P'-DDT	0.0018			N	
LW-06-COMP1-0-4'	17B0911-05RE1	Toxaphene		U		N	
LW-06-2-4'	17B0911-06	1,1,1,2-Tetrachloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1,1-Trichloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1,2,2-Tetrachloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
LW-06-2-4'	17B0911-06	1,1,2-Trichloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1-Dichloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1-Dichloroethene		U		N	
LW-06-2-4'	17B0911-06	1,1-Dichloropropene		U		N	
LW-06-2-4'	17B0911-06	1,2,3-Trichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,2,3-Trichloropropane		U		N	
LW-06-2-4'	17B0911-06	1,2,4-Trichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,2,4-Trimethylbenzene		U		N	
LW-06-2-4'	17B0911-06	1,2-Dibromo-3-Chloropropane		U		N	
LW-06-2-4'	17B0911-06	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LW-06-2-4'	17B0911-06	1,2-Dichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,2-Dichloroethane		U		N	
LW-06-2-4'	17B0911-06	1,2-Dichloroethane-D4	97.2			N	
LW-06-2-4'	17B0911-06	1,2-Dichloropropane		U		N	
LW-06-2-4'	17B0911-06	1,3,5-Trichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LW-06-2-4'	17B0911-06	1,3-Dichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,3-Dichloropropane		U		N	
LW-06-2-4'	17B0911-06	1,4-Dichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,4-Dichlorobenzene-D4	0.071			N	
LW-06-2-4'	17B0911-06	1,4-Difluorobenzene	0.071			N	
LW-06-2-4'	17B0911-06	1,4-Dioxane (P-Dioxane)		U		N	
LW-06-2-4'	17B0911-06	2,2-Dichloropropane		U		N	
LW-06-2-4'	17B0911-06	2-Chlorotoluene		U		N	
LW-06-2-4'	17B0911-06	2-Hexanone		U		N	
LW-06-2-4'	17B0911-06	2-Methoxy-2-Methylbutane		U		N	
LW-06-2-4'	17B0911-06	4-Chlorotoluene		U		N	
LW-06-2-4'	17B0911-06	Acetone	53	E		N	
LW-06-2-4'	17B0911-06	Acrylonitrile		U		N	
LW-06-2-4'	17B0911-06	Benzene		U		N	
LW-06-2-4'	17B0911-06	Bromobenzene		U		N	
LW-06-2-4'	17B0911-06	Bromochloromethane		U		N	
LW-06-2-4'	17B0911-06	Bromodichloromethane		U		N	
LW-06-2-4'	17B0911-06	Bromoform		U		N	
LW-06-2-4'	17B0911-06	Bromomethane		U		N	
LW-06-2-4'	17B0911-06	Carbon Disulfide		U		N	
LW-06-2-4'	17B0911-06	Carbon Tetrachloride		U		N	
LW-06-2-4'	17B0911-06	Chlorobenzene		U		N	
LW-06-2-4'	17B0911-06	Chlorobenzene-D5	0.071			N	
LW-06-2-4'	17B0911-06	Chloroethane		U		N	
LW-06-2-4'	17B0911-06	Chloroform		U		N	
LW-06-2-4'	17B0911-06	Chloromethane		U		N	
LW-06-2-4'	17B0911-06	Cis-1,2-Dichloroethylene		U		N	
LW-06-2-4'	17B0911-06	Cis-1,3-Dichloropropene		U		N	
LW-06-2-4'	17B0911-06	Cyclohexane		U		N	
LW-06-2-4'	17B0911-06	Cymene		U		N	
LW-06-2-4'	17B0911-06	Dibromochloromethane		U		N	
LW-06-2-4'	17B0911-06	Dibromomethane		U		N	
LW-06-2-4'	17B0911-06	Dichlorodifluoromethane		U		N	
LW-06-2-4'	17B0911-06	Diethyl Ether (Ethyl Ether)		U		N	
LW-06-2-4'	17B0911-06	Ethyl Tert-Butyl Ether		U		N	
LW-06-2-4'	17B0911-06	Ethylbenzene		U		N	
LW-06-2-4'	17B0911-06	Hexachlorobutadiene		U		N	
LW-06-2-4'	17B0911-06	Isopropyl Ether		U		N	
LW-06-2-4'	17B0911-06	Isopropylbenzene (Cumene)		U		N	

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LW-06-2-4'	17B0911-06	m,p-Xylene		U		N	
LW-06-2-4'	17B0911-06	Methyl Acetate		U		N	
LW-06-2-4'	17B0911-06	Methyl Ethyl Ketone (2-Butanone)		U		N	
LW-06-2-4'	17B0911-06	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LW-06-2-4'	17B0911-06	Methylcyclohexane		U		N	
LW-06-2-4'	17B0911-06	Methylene Chloride		U		N	
LW-06-2-4'	17B0911-06	Naphthalene		U		N	
LW-06-2-4'	17B0911-06	N-Butylbenzene		U		N	
LW-06-2-4'	17B0911-06	N-Propylbenzene		U		N	
LW-06-2-4'	17B0911-06	O-Xylene (1,2-Dimethylbenzene)		U		N	
LW-06-2-4'	17B0911-06	p-Bromofluorobenzene	92.8			N	
LW-06-2-4'	17B0911-06	Pentafluorobenzene	0.071			N	
LW-06-2-4'	17B0911-06	Sec-Butylbenzene		U		N	
LW-06-2-4'	17B0911-06	Styrene		U		N	
LW-06-2-4'	17B0911-06	T-Butylbenzene		U		N	
LW-06-2-4'	17B0911-06	Tert-Butyl Alcohol		U		N	
LW-06-2-4'	17B0911-06	Tert-Butyl Methyl Ether		U		N	
LW-06-2-4'	17B0911-06	Tetrachloroethylene (PCE)	0.0029			N	
LW-06-2-4'	17B0911-06	Tetrahydrofuran		U		N	
LW-06-2-4'	17B0911-06	Toluene	0.0036			N	
LW-06-2-4'	17B0911-06	Toluene-D8	97.3			N	
LW-06-2-4'	17B0911-06	Trans-1,2-Dichloroethene		U		N	
LW-06-2-4'	17B0911-06	Trans-1,3-Dichloropropene		U		N	
LW-06-2-4'	17B0911-06	Trans-1,4-Dichloro-2-Butene		U		N	
LW-06-2-4'	17B0911-06	Trichloroethylene (TCE)		U		N	
LW-06-2-4'	17B0911-06	Trichlorofluoromethane		U		N	
LW-06-2-4'	17B0911-06	Vinyl Chloride		U		N	
LW-06-2-4'	17B0911-06	Solids, Percent	77.5			N	
LW-03-COMP1-4-8'	17B0911-07	Aluminum	5000			N	
LW-03-COMP1-4-8'	17B0911-07	Antimony	3.5			N	
LW-03-COMP1-4-8'	17B0911-07	Arsenic	9.9			N	
LW-03-COMP1-4-8'	17B0911-07	Barium	88			N	
LW-03-COMP1-4-8'	17B0911-07	Beryllium	0.49			N	
LW-03-COMP1-4-8'	17B0911-07	Cadmium	1.2			N	
LW-03-COMP1-4-8'	17B0911-07	Calcium	30000			N	
LW-03-COMP1-4-8'	17B0911-07	Chromium, Total	120			N	
LW-03-COMP1-4-8'	17B0911-07	Cobalt	4			N	
LW-03-COMP1-4-8'	17B0911-07	Copper	43			N	
LW-03-COMP1-4-8'	17B0911-07	Iron	5800			N	
LW-03-COMP1-4-8'	17B0911-07	Lead	93			N	
LW-03-COMP1-4-8'	17B0911-07	Magnesium	6600			N	
LW-03-COMP1-4-8'	17B0911-07	Manganese	2800			N	
LW-03-COMP1-4-8'	17B0911-07	Nickel	16			N	
LW-03-COMP1-4-8'	17B0911-07	Potassium	600			N	
LW-03-COMP1-4-8'	17B0911-07	Selenium	3.7	J		N	
LW-03-COMP1-4-8'	17B0911-07	Silver		U		N	
LW-03-COMP1-4-8'	17B0911-07	Sodium	160			N	
LW-03-COMP1-4-8'	17B0911-07	Thallium		U		N	
LW-03-COMP1-4-8'	17B0911-07	Vanadium	61			N	
LW-03-COMP1-4-8'	17B0911-07	Zinc	140			N	
LW-03-COMP1-4-8'	17B0911-07	Mercury	0.098			N	
LW-03-COMP1-4-8'	17B0911-07	2,4,5,6-Tetrachloro-Meta-Xylene	72.9			N	
LW-03-COMP1-4-8'	17B0911-07	Decachlorobiphenyl (PCB 209)	75			N	
LW-03-COMP1-4-8'	17B0911-07	Endrin Aldehyde		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4,5,6-Tetrachloro-Meta-Xylene	65			N	
LW-03-COMP1-4-8'	17B0911-07	Decachlorobiphenyl (PCB 209)	67.3			N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1016 (Aroclor 1016)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1221 (Aroclor 1221)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1232 (Aroclor 1232)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1242 (Aroclor 1242)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1248 (Aroclor 1248)	0.13	D		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1254 (Aroclor 1254)	0.5	D		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1260 (Aroclor 1260)	0.12	D		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1262 (Aroclor 1262)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1268 (Aroclor 1268)		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03-COMP1-4-8'	17B0911-07	1,1,1,2-Tetrachloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1,1-Trichloroethane	0.002			N	
LW-03-COMP1-4-8'	17B0911-07	1,1,2,2-Tetrachloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1,2-Trichloro-1,1,2-Trifluoroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1,2-Trichloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1-Dichloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1-Dichloroethene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1-Dichloropropene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,3-Trichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,3-Trichloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,4-Trichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,4-Trimethylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dibromo-3-Chloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichloroethane-D4	100			N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3,5-Trichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3-Dichloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dichlorobenzene-D4	0.059			N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Difluorobenzene	0.059			N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dioxane (P-Dioxane)		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,2-Dichloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Chlorotoluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Hexanone		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Methoxy-2-Methylbutane		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Chlorotoluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Acetone	2.8	E		N	
LW-03-COMP1-4-8'	17B0911-07	Acrylonitrile		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromochloromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromodichloromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromoform		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromomethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Carbon Disulfide		U		N	
LW-03-COMP1-4-8'	17B0911-07	Carbon Tetrachloride		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chlorobenzene-D5	0.059			N	
LW-03-COMP1-4-8'	17B0911-07	Chloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chloroform		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chloromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Cis-1,2-Dichloroethylene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Cis-1,3-Dichloropropene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Cyclohexane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Cymene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dibromochloromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dibromomethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dichlorodifluoromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Diethyl Ether (Ethyl Ether)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Ethyl Tert-Butyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	Ethylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachlorobutadiene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Isopropyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	Isopropylbenzene (Cumene)		U		N	
LW-03-COMP1-4-8'	17B0911-07	m,p-Xylene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methyl Acetate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methyl Ethyl Ketone (2-Butanone)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methylcyclohexane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methylene Chloride		U		N	

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LW-03-COMP1-4-8'	17B0911-07	Naphthalene		U		N	
LW-03-COMP1-4-8'	17B0911-07	N-Butylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	N-Propylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	O-Xylene (1,2-Dimethylbenzene)		U		N	
LW-03-COMP1-4-8'	17B0911-07	p-Bromofluorobenzene	88.9			N	
LW-03-COMP1-4-8'	17B0911-07	Pentafluorobenzene	0.059			N	
LW-03-COMP1-4-8'	17B0911-07	Sec-Butylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Styrene		U		N	
LW-03-COMP1-4-8'	17B0911-07	T-Butylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Tert-Butyl Alcohol		U		N	
LW-03-COMP1-4-8'	17B0911-07	Tert-Butyl Methyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	Tetrachloroethylene (PCE)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Tetrahydrofuran		U		N	
LW-03-COMP1-4-8'	17B0911-07	Toluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Toluene-D8	98.4			N	
LW-03-COMP1-4-8'	17B0911-07	Trans-1,2-Dichloroethene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Trans-1,3-Dichloropropene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Trans-1,4-Dichloro-2-Butene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Trichloroethylene (TCE)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Trichlorofluoromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Vinyl Chloride		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,4,5-Tetrachlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,4-Trichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Diphenylhydrazine		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dichlorobenzene-D4	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	1-Methylnaphthalene	0.68			N	
LW-03-COMP1-4-8'	17B0911-07	2,4,5-Trichlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4,6-Tribromophenol	18.8			N	
LW-03-COMP1-4-8'	17B0911-07	2,4,6-Trichlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4-Dichlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4-Dimethylphenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4-Dinitrophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4-Dinitrotoluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,6-Dinitrotoluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Chloronaphthalene		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Chlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Fluorobiphenyl	71.6			N	
LW-03-COMP1-4-8'	17B0911-07	2-Fluorophenol	51.7			N	
LW-03-COMP1-4-8'	17B0911-07	2-Methylnaphthalene	0.89			N	
LW-03-COMP1-4-8'	17B0911-07	2-Methylphenol (O-Cresol)		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Nitroaniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Nitrophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	3- And 4- Methylphenol (Total)		U		N	
LW-03-COMP1-4-8'	17B0911-07	3,3'-Dichlorobenzidine		U		N	
LW-03-COMP1-4-8'	17B0911-07	3-Nitroaniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	4,6-Dinitro-2-Methylphenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Bromophenyl Phenyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Chloro-3-Methylphenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Chloroaniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Chlorophenyl Phenyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Nitroaniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Nitrophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	Acenaphthene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Acenaphthene-D10	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Acenaphthylene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Acetophenone		U		N	
LW-03-COMP1-4-8'	17B0911-07	Aniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	Anthracene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzidine		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzo(A)Anthracene	0.44			N	
LW-03-COMP1-4-8'	17B0911-07	Benzo(A)Pyrene	0.4			N	
LW-03-COMP1-4-8'	17B0911-07	Benzo(B)Fluoranthene	0.51			N	

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LW-03-COMP1-4-8'	17B0911-07	Benzo(G,H,I)Perylene	0.25			N	
LW-03-COMP1-4-8'	17B0911-07	Benzo(K)Fluoranthene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzoic Acid		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzyl Butyl Phthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bis(2-Chloroethoxy) Methane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bis(2-Chloroisopropyl) Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bis(2-Ethylhexyl) Phthalate	0.8			N	
LW-03-COMP1-4-8'	17B0911-07	Carbazole		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chrysene	0.44			N	
LW-03-COMP1-4-8'	17B0911-07	Chrysene-D12	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Dibenz(A,H)Anthracene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dibenzofuran		U		N	
LW-03-COMP1-4-8'	17B0911-07	Diethyl Phthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dimethyl Phthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Di-N-Butyl Phthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Di-N-Octylphthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Fluoranthene	0.66			N	
LW-03-COMP1-4-8'	17B0911-07	Fluorene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachlorobutadiene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachlorocyclopentadiene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Indeno(1,2,3-C,D)Pyrene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Isophorone		U		N	
LW-03-COMP1-4-8'	17B0911-07	Naphthalene	0.45			N	
LW-03-COMP1-4-8'	17B0911-07	Naphthalene-D8	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Nitrobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Nitrobenzene-D5	57.7			N	
LW-03-COMP1-4-8'	17B0911-07	N-Nitrosodimethylamine		U		N	
LW-03-COMP1-4-8'	17B0911-07	N-Nitrosodi-N-Propylamine		U		N	
LW-03-COMP1-4-8'	17B0911-07	N-Nitrosodiphenylamine		U		N	
LW-03-COMP1-4-8'	17B0911-07	Pentachloronitrobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Pentachlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	Perylene-D12	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Phenanthrene	0.75			N	
LW-03-COMP1-4-8'	17B0911-07	Phenanthrene-D10	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Phenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	Phenol-D6	58			N	
LW-03-COMP1-4-8'	17B0911-07	Pyrene	1.3			N	
LW-03-COMP1-4-8'	17B0911-07	Pyridine		U		N	
LW-03-COMP1-4-8'	17B0911-07	Terphenyl-D14	71			N	
LW-03-COMP1-4-8'	17B0911-07	Solids, Percent	93.6			N	
LW-03-COMP1-4-8'	17B0911-07	Cyanide		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	2,4,5,6-Tetrachloro-Meta-Xylene	78.5			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Alachlor		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Aldrin		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Alpha Endosulfan		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Beta Endosulfan		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Chlordane	0.056			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Decachlorobiphenyl (PCB 209)	77.7			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Dieldrin	0.023			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Endosulfan Sulfate		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Endrin		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Endrin Ketone		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Gamma Bhc (Lindane)		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Heptachlor		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Heptachlor Epoxide		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Hexachlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Methoxychlor		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	P,P'-DDD		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	P,P'-DDE	0.019			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03-COMP1-4-8'	17B0911-07RE1	P,P'-DDT	0.095			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Toxaphene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Aluminum	8200			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Arsenic	15			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Barium	120			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Beryllium	0.84			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cadmium	0.83			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Calcium	40000			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cobalt	4.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Copper	53			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Iron	43000	D		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Lead	170			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Magnesium	7800			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Manganese	6100			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Nickel	16			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Potassium	1000			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Selenium		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Silver		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Thallium		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Vanadium	110			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,5,6-Tetrachloro-Meta-Xylene	73			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Decachlorobiphenyl (PCB 209)	74.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Endrin Aldehyde		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,5,6-Tetrachloro-Meta-Xylene	62.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Decachlorobiphenyl (PCB 209)	65.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1016 (Aroclor 1016)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1221 (Aroclor 1221)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1232 (Aroclor 1232)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1242 (Aroclor 1242)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1248 (Aroclor 1248)	0.15	D		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1254 (Aroclor 1254)	0.53	D		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1260 (Aroclor 1260)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1262 (Aroclor 1262)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1268 (Aroclor 1268)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,1,2-Tetrachloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,1-Trichloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,2,2-Tetrachloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,2-Trichloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1-Dichloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1-Dichloroethene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1-Dichloropropene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,3-Trichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,3-Trichloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,4-Trichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,4-Trimethylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dibromo-3-Chloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichloroethane-D4	99.2			N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3,5-Trichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3-Dichloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dichlorobenzene-D4	0.071			N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Difluorobenzene	0.071			N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dioxane (P-Dioxane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,2-Dichloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Chlorotoluene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Hexanone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Methoxy-2-Methylbutane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Chlorotoluene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	17B0911-08	Acetone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acrylonitrile		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromochloromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromodichloromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromoform		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromomethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Carbon Disulfide		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Carbon Tetrachloride		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chlorobenzene-D5	0.071			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chloroform		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chloromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cis-1,2-Dichloroethylene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cis-1,3-Dichloropropene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cyclohexane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cymene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dibromochloromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dibromomethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dichlorodifluoromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Diethyl Ether (Ethyl Ether)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Ethyl Tert-Butyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Ethylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachlorobutadiene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Isopropyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Isopropylbenzene (Cumene)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	m,p-Xylene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methyl Acetate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methyl Ethyl Ketone (2-Butanone)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methylcyclohexane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methylene Chloride		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Naphthalene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	N-Butylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	N-Propylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	O-Xylene (1,2-Dimethylbenzene)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	p-Bromofluorobenzene	89.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pentafluorobenzene	0.071			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Sec-Butylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Styrene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	T-Butylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Tert-Butyl Alcohol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Tert-Butyl Methyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Tetrachloroethylene (PCE)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Tetrahydrofuran		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Toluene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Toluene-D8	98.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trans-1,2-Dichloroethene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trans-1,3-Dichloropropene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trans-1,4-Dichloro-2-Butene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trichloroethylene (TCE)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trichlorofluoromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Vinyl Chloride		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,4,5-Tetrachlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,4-Trichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Diphenylhydrazine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dichlorobenzene-D4	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	1-Methylnaphthalene	0.96			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,5-Trichlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,6-Tribromophenol	21.2			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,6-Trichlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4-Dichlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4-Dimethylphenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4-Dinitrophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4-Dinitrotoluene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,6-Dinitrotoluene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Chloronaphthalene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Chlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Fluorobiphenyl	72.8			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Fluorophenol	53.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Methylnaphthalene	1.3			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Methylphenol (O-Cresol)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Nitroaniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Nitrophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	3- And 4- Methylphenol (Total)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	3,3'-Dichlorobenzidine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	3-Nitroaniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4,6-Dinitro-2-Methylphenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Bromophenyl Phenyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Chloro-3-Methylphenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Chloroaniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Chlorophenyl Phenyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Nitroaniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Nitrophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acenaphthene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acenaphthene-D10	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acenaphthylene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acetophenone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Aniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Anthracene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzidine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(A)Anthracene	0.67			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(A)Pyrene	0.59			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(B)Fluoranthene	0.77			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(G,H,I)Perylene	0.38			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(K)Fluoranthene	0.22			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzoic Acid		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzyl Butyl Phthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bis(2-Chloroethoxy) Methane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bis(2-Chloroisopropyl) Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bis(2-Ethylhexyl) Phthalate	1			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Carbazole		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chrysene	0.76			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chrysene-D12	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dibenz(A,H)Anthracene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dibenzofuran		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Diethyl Phthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dimethyl Phthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Di-N-Butyl Phthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Di-N-Octylphthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Fluoranthene	1			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Fluorene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachlorobutadiene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachlorocyclopentadiene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Indeno(1,2,3-C,D)Pyrene	0.27			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Isophorone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Naphthalene	0.75			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Naphthalene-D8	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Nitrobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Nitrobenzene-D5	59.5			N	
LW-03/MS/MSD-COMP-4	17B0911-08	N-Nitrosodimethylamine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	N-Nitrosodi-N-Propylamine		U		N	

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LW-03/MS/MSD-COMP-4	17B0911-08	N-Nitrosodiphenylamine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pentachloronitrobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pentachlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Perylene-D12	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Phenanthrene	1.1			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Phenanthrene-D10	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Phenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Phenol-D6	58.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pyrene	1.9			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pyridine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Terphenyl-D14	74.3			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Solids, Percent	79.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cyanide	0.77			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Antimony		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Chromium, Total	170			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Sodium	190			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Zinc	120			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Mercury	0.061			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	2,4,5,6-Tetrachloro-Meta-Xylene	59.3			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Alachlor		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Aldrin		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Alpha Endosulfan		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Beta Endosulfan		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Chlordane	0.04			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Decachlorobiphenyl (PCB 209)	60.1			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Dieldrin	0.0062			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Endosulfan Sulfate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Endrin		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Endrin Ketone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Gamma Bhc (Lindane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Heptachlor		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Heptachlor Epoxide		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Hexachlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Methoxychlor		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	P,P'-DDD		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	P,P'-DDE	0.0087			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	P,P'-DDT	0.0099			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Toxaphene		U		N	
B171155-BLK1	B171155-BLK1	1,2,4,5-Tetrachlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,2,4-Trichlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,2-Dichlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,2-Diphenylhydrazine		U		N	
B171155-BLK1	B171155-BLK1	1,3-Dichlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,4-Dichlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,4-Dichlorobenzene-D4	1.3			N	
B171155-BLK1	B171155-BLK1	1-Methylnaphthalene		U		N	
B171155-BLK1	B171155-BLK1	2,4,5-Trichlorophenol		U		N	
B171155-BLK1	B171155-BLK1	2,4,6-Tribromophenol	78.2			N	
B171155-BLK1	B171155-BLK1	2,4,6-Trichlorophenol		U		N	
B171155-BLK1	B171155-BLK1	2,4-Dichlorophenol		U		N	
B171155-BLK1	B171155-BLK1	2,4-Dimethylphenol		U		N	
B171155-BLK1	B171155-BLK1	2,4-Dinitrophenol		U		N	
B171155-BLK1	B171155-BLK1	2,4-Dinitrotoluene		U		N	
B171155-BLK1	B171155-BLK1	2,6-Dinitrotoluene		U		N	
B171155-BLK1	B171155-BLK1	2-Chloronaphthalene		U		N	
B171155-BLK1	B171155-BLK1	2-Chlorophenol		U		N	
B171155-BLK1	B171155-BLK1	2-Fluorobiphenyl	78.9			N	
B171155-BLK1	B171155-BLK1	2-Fluorophenol	62.6			N	
B171155-BLK1	B171155-BLK1	2-Methylnaphthalene		U		N	
B171155-BLK1	B171155-BLK1	2-Methylphenol (O-Cresol)		U		N	
B171155-BLK1	B171155-BLK1	2-Nitroaniline		U		N	
B171155-BLK1	B171155-BLK1	2-Nitrophenol		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171155-BLK1	B171155-BLK1	3- And 4- Methylphenol (Total)		U		N	
B171155-BLK1	B171155-BLK1	3,3'-Dichlorobenzidine		U		N	
B171155-BLK1	B171155-BLK1	3-Nitroaniline		U		N	
B171155-BLK1	B171155-BLK1	4,6-Dinitro-2-Methylphenol		U		N	
B171155-BLK1	B171155-BLK1	4-Bromophenyl Phenyl Ether		U		N	
B171155-BLK1	B171155-BLK1	4-Chloro-3-Methylphenol		U		N	
B171155-BLK1	B171155-BLK1	4-Chloroaniline		U		N	
B171155-BLK1	B171155-BLK1	4-Chlorophenyl Phenyl Ether		U		N	
B171155-BLK1	B171155-BLK1	4-Nitroaniline		U		N	
B171155-BLK1	B171155-BLK1	4-Nitrophenol		U		N	
B171155-BLK1	B171155-BLK1	Acenaphthene		U		N	
B171155-BLK1	B171155-BLK1	Acenaphthene-D10	1.3			N	
B171155-BLK1	B171155-BLK1	Acenaphthylene		U		N	
B171155-BLK1	B171155-BLK1	Acetophenone		U		N	
B171155-BLK1	B171155-BLK1	Aniline		U		N	
B171155-BLK1	B171155-BLK1	Anthracene		U		N	
B171155-BLK1	B171155-BLK1	Benzidine		U		N	
B171155-BLK1	B171155-BLK1	Benzo(A)Anthracene		U		N	
B171155-BLK1	B171155-BLK1	Benzo(A)Pyrene		U		N	
B171155-BLK1	B171155-BLK1	Benzo(B)Fluoranthene		U		N	
B171155-BLK1	B171155-BLK1	Benzo(G,H,I)Perylene		U		N	
B171155-BLK1	B171155-BLK1	Benzo(K)Fluoranthene		U		N	
B171155-BLK1	B171155-BLK1	Benzoic Acid		U		N	
B171155-BLK1	B171155-BLK1	Benzyl Butyl Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Bis(2-Chloroethoxy) Methane		U		N	
B171155-BLK1	B171155-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
B171155-BLK1	B171155-BLK1	Bis(2-Chloroisopropyl) Ether		U		N	
B171155-BLK1	B171155-BLK1	Bis(2-Ethylhexyl) Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Carbazole		U		N	
B171155-BLK1	B171155-BLK1	Chrysene		U		N	
B171155-BLK1	B171155-BLK1	Chrysene-D12	1.3			N	
B171155-BLK1	B171155-BLK1	Dibenz(A,H)Anthracene		U		N	
B171155-BLK1	B171155-BLK1	Dibenzofuran		U		N	
B171155-BLK1	B171155-BLK1	Diethyl Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Dimethyl Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Di-N-Butyl Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Di-N-Octylphthalate		U		N	
B171155-BLK1	B171155-BLK1	Fluoranthene		U		N	
B171155-BLK1	B171155-BLK1	Fluorene		U		N	
B171155-BLK1	B171155-BLK1	Hexachlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	Hexachlorobutadiene		U		N	
B171155-BLK1	B171155-BLK1	Hexachlorocyclopentadiene		U		N	
B171155-BLK1	B171155-BLK1	Hexachloroethane		U		N	
B171155-BLK1	B171155-BLK1	Indeno(1,2,3-C,D)Pyrene		U		N	
B171155-BLK1	B171155-BLK1	Isophorone		U		N	
B171155-BLK1	B171155-BLK1	Naphthalene		U		N	
B171155-BLK1	B171155-BLK1	Naphthalene-D8	1.3			N	
B171155-BLK1	B171155-BLK1	Nitrobenzene		U		N	
B171155-BLK1	B171155-BLK1	Nitrobenzene-D5	62.4			N	
B171155-BLK1	B171155-BLK1	N-Nitrosodimethylamine		U		N	
B171155-BLK1	B171155-BLK1	N-Nitrosodi-N-Propylamine		U		N	
B171155-BLK1	B171155-BLK1	N-Nitrosodiphenylamine		U		N	
B171155-BLK1	B171155-BLK1	Pentachloronitrobenzene		U		N	
B171155-BLK1	B171155-BLK1	Pentachlorophenol		U		N	
B171155-BLK1	B171155-BLK1	Perylene-D12	1.3			N	
B171155-BLK1	B171155-BLK1	Phenanthrene		U		N	
B171155-BLK1	B171155-BLK1	Phenanthrene-D10	1.3			N	
B171155-BLK1	B171155-BLK1	Phenol		U		N	
B171155-BLK1	B171155-BLK1	Phenol-D6	65.2			N	
B171155-BLK1	B171155-BLK1	Pyrene		U		N	
B171155-BLK1	B171155-BLK1	Pyridine		U		N	
B171155-BLK1	B171155-BLK1	Terphenyl-D14	82.2			N	
B171155-BS1	B171155-BS1	1,2,4,5-Tetrachlorobenzene	1.15			N	
B171155-BS1	B171155-BS1	1,2,4-Trichlorobenzene	0.945			N	
B171155-BS1	B171155-BS1	1,2-Dichlorobenzene	0.881			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171155-BS1	B171155-BS1	1,2-Diphenylhydrazine	1.22			N	
B171155-BS1	B171155-BS1	1,3-Dichlorobenzene	0.874			N	
B171155-BS1	B171155-BS1	1,4-Dichlorobenzene	0.878			N	
B171155-BS1	B171155-BS1	1,4-Dichlorobenzene-D4	1.33			N	
B171155-BS1	B171155-BS1	1-Methylnaphthalene	0.964			N	
B171155-BS1	B171155-BS1	2,4,5-Trichlorophenol	1.09			N	
B171155-BS1	B171155-BS1	2,4,6-Tribromophenol	80.2			N	
B171155-BS1	B171155-BS1	2,4,6-Trichlorophenol	1.24			N	
B171155-BS1	B171155-BS1	2,4-Dichlorophenol	0.998			N	
B171155-BS1	B171155-BS1	2,4-Dimethylphenol	1.04			N	
B171155-BS1	B171155-BS1	2,4-Dinitrophenol	0.846			N	
B171155-BS1	B171155-BS1	2,4-Dinitrotoluene	1.26			N	
B171155-BS1	B171155-BS1	2,6-Dinitrotoluene	1.33			N	
B171155-BS1	B171155-BS1	2-Chloronaphthalene	1.06			N	
B171155-BS1	B171155-BS1	2-Chlorophenol	0.967			N	
B171155-BS1	B171155-BS1	2-Fluorobiphenyl	75			N	
B171155-BS1	B171155-BS1	2-Fluorophenol	61.4			N	
B171155-BS1	B171155-BS1	2-Methylnaphthalene	1.05			N	
B171155-BS1	B171155-BS1	2-Methylphenol (O-Cresol)	0.98			N	
B171155-BS1	B171155-BS1	2-Nitroaniline	1.26			N	
B171155-BS1	B171155-BS1	2-Nitrophenol	0.96			N	
B171155-BS1	B171155-BS1	3- And 4- Methylphenol (Total)	1.03			N	
B171155-BS1	B171155-BS1	3,3'-Dichlorobenzidine	1.01			N	
B171155-BS1	B171155-BS1	3-Nitroaniline	1.19			N	
B171155-BS1	B171155-BS1	4,6-Dinitro-2-Methylphenol	0.977			N	
B171155-BS1	B171155-BS1	4-Bromophenyl Phenyl Ether	1.17			N	
B171155-BS1	B171155-BS1	4-Chloro-3-Methylphenol	1.08			N	
B171155-BS1	B171155-BS1	4-Chloroaniline	0.767			N	
B171155-BS1	B171155-BS1	4-Chlorophenyl Phenyl Ether	1.22			N	
B171155-BS1	B171155-BS1	4-Nitroaniline	1.31			N	
B171155-BS1	B171155-BS1	4-Nitrophenol	1.16			N	
B171155-BS1	B171155-BS1	Acenaphthene	1.14			N	
B171155-BS1	B171155-BS1	Acenaphthene-D10	1.33			N	
B171155-BS1	B171155-BS1	Acenaphthylene	1.17			N	
B171155-BS1	B171155-BS1	Acetophenone	0.954			N	
B171155-BS1	B171155-BS1	Aniline	0.633			N	
B171155-BS1	B171155-BS1	Anthracene	1.13			N	
B171155-BS1	B171155-BS1	Benzidine		U		N	
B171155-BS1	B171155-BS1	Benzo(A)Anthracene	1.18			N	
B171155-BS1	B171155-BS1	Benzo(A)Pyrene	1.11			N	
B171155-BS1	B171155-BS1	Benzo(B)Fluoranthene	1.1			N	
B171155-BS1	B171155-BS1	Benzo(G,H,I)Perylene	1.2			N	
B171155-BS1	B171155-BS1	Benzo(K)Fluoranthene	1.11			N	
B171155-BS1	B171155-BS1	Benzoic Acid		U		N	
B171155-BS1	B171155-BS1	Benzyl Butyl Phthalate	1.22			N	
B171155-BS1	B171155-BS1	Bis(2-Chloroethoxy) Methane	1.1			N	
B171155-BS1	B171155-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.05			N	
B171155-BS1	B171155-BS1	Bis(2-Chloroisopropyl) Ether	1.03			N	
B171155-BS1	B171155-BS1	Bis(2-Ethylhexyl) Phthalate	1.24			N	
B171155-BS1	B171155-BS1	Carbazole	1.09			N	
B171155-BS1	B171155-BS1	Chrysene	1.11			N	
B171155-BS1	B171155-BS1	Chrysene-D12	1.33			N	
B171155-BS1	B171155-BS1	Dibenz(A,H)Anthracene	1.2			N	
B171155-BS1	B171155-BS1	Dibenzofuran	1.22			N	
B171155-BS1	B171155-BS1	Diethyl Phthalate	1.25			N	
B171155-BS1	B171155-BS1	Dimethyl Phthalate	1.25			N	
B171155-BS1	B171155-BS1	Di-N-Butyl Phthalate	1.16			N	
B171155-BS1	B171155-BS1	Di-N-Octylphthalate	1.1			N	
B171155-BS1	B171155-BS1	Fluoranthene	1.08			N	
B171155-BS1	B171155-BS1	Fluorene	1.18			N	
B171155-BS1	B171155-BS1	Hexachlorobenzene	1.11			N	
B171155-BS1	B171155-BS1	Hexachlorobutadiene	0.953			N	
B171155-BS1	B171155-BS1	Hexachlorocyclopentadiene	0.851			N	
B171155-BS1	B171155-BS1	Hexachloroethane	0.857			N	
B171155-BS1	B171155-BS1	Indeno(1,2,3-C,D)Pyrene	1.06			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171155-BS1	B171155-BS1	Isophorone	1.05			N	
B171155-BS1	B171155-BS1	Naphthalene	0.962			N	
B171155-BS1	B171155-BS1	Naphthalene-D8	1.33			N	
B171155-BS1	B171155-BS1	Nitrobenzene	0.99			N	
B171155-BS1	B171155-BS1	Nitrobenzene-D5	61			N	
B171155-BS1	B171155-BS1	N-Nitrosodimethylamine	0.959			N	
B171155-BS1	B171155-BS1	N-Nitrosodi-N-Propylamine	1.01			N	
B171155-BS1	B171155-BS1	N-Nitrosodiphenylamine	1.58			N	
B171155-BS1	B171155-BS1	Pentachloronitrobenzene	1.15			N	
B171155-BS1	B171155-BS1	Pentachlorophenol	0.912			N	
B171155-BS1	B171155-BS1	Perylene-D12	1.33			N	
B171155-BS1	B171155-BS1	Phenanthrene	1.13			N	
B171155-BS1	B171155-BS1	Phenanthrene-D10	1.33			N	
B171155-BS1	B171155-BS1	Phenol	0.928			N	
B171155-BS1	B171155-BS1	Phenol-D6	62.5			N	
B171155-BS1	B171155-BS1	Pyrene	1.12			N	
B171155-BS1	B171155-BS1	Pyridine	0.745			N	
B171155-BS1	B171155-BS1	Terphenyl-D14	73.2			N	
B171155-BSD1	B171155-BSD1	1,2,4,5-Tetrachlorobenzene	1.25			N	
B171155-BSD1	B171155-BSD1	1,2,4-Trichlorobenzene	1.03			N	
B171155-BSD1	B171155-BSD1	1,2-Dichlorobenzene	0.965			N	
B171155-BSD1	B171155-BSD1	1,2-Diphenylhydrazine	1.32			N	
B171155-BSD1	B171155-BSD1	1,3-Dichlorobenzene	0.945			N	
B171155-BSD1	B171155-BSD1	1,4-Dichlorobenzene	0.947			N	
B171155-BSD1	B171155-BSD1	1,4-Dichlorobenzene-D4	1.33			N	
B171155-BSD1	B171155-BSD1	1-Methylnaphthalene	1.05			N	
B171155-BSD1	B171155-BSD1	2,4,5-Trichlorophenol	1.24			N	
B171155-BSD1	B171155-BSD1	2,4,6-Tribromophenol	81.9			N	
B171155-BSD1	B171155-BSD1	2,4,6-Trichlorophenol	1.32			N	
B171155-BSD1	B171155-BSD1	2,4-Dichlorophenol	1.12			N	
B171155-BSD1	B171155-BSD1	2,4-Dimethylphenol	1.14			N	
B171155-BSD1	B171155-BSD1	2,4-Dinitrophenol	0.847			N	
B171155-BSD1	B171155-BSD1	2,4-Dinitrotoluene	1.36			N	
B171155-BSD1	B171155-BSD1	2,6-Dinitrotoluene	1.45			N	
B171155-BSD1	B171155-BSD1	2-Chloronaphthalene	1.16			N	
B171155-BSD1	B171155-BSD1	2-Chlorophenol	1.06			N	
B171155-BSD1	B171155-BSD1	2-Fluorobiphenyl	77.7			N	
B171155-BSD1	B171155-BSD1	2-Fluorophenol	63.1			N	
B171155-BSD1	B171155-BSD1	2-Methylnaphthalene	1.16			N	
B171155-BSD1	B171155-BSD1	2-Methylphenol (O-Cresol)	1.07			N	
B171155-BSD1	B171155-BSD1	2-Nitroaniline	1.38			N	
B171155-BSD1	B171155-BSD1	2-Nitrophenol	1.09			N	
B171155-BSD1	B171155-BSD1	3- And 4- Methylphenol (Total)	1.12			N	
B171155-BSD1	B171155-BSD1	3,3'-Dichlorobenzidine	1.03			N	
B171155-BSD1	B171155-BSD1	3-Nitroaniline	1.29			N	
B171155-BSD1	B171155-BSD1	4,6-Dinitro-2-Methylphenol	1.04			N	
B171155-BSD1	B171155-BSD1	4-Bromophenyl Phenyl Ether	1.24			N	
B171155-BSD1	B171155-BSD1	4-Chloro-3-Methylphenol	1.15			N	
B171155-BSD1	B171155-BSD1	4-Chloroaniline	0.798			N	
B171155-BSD1	B171155-BSD1	4-Chlorophenyl Phenyl Ether	1.38			N	
B171155-BSD1	B171155-BSD1	4-Nitroaniline	1.39			N	
B171155-BSD1	B171155-BSD1	4-Nitrophenol	1.21			N	
B171155-BSD1	B171155-BSD1	Acenaphthene	1.21			N	
B171155-BSD1	B171155-BSD1	Acenaphthene-D10	1.33			N	
B171155-BSD1	B171155-BSD1	Acenaphthylene	1.3			N	
B171155-BSD1	B171155-BSD1	Acetophenone	1.06			N	
B171155-BSD1	B171155-BSD1	Aniline	0.644			N	
B171155-BSD1	B171155-BSD1	Anthracene	1.22			N	
B171155-BSD1	B171155-BSD1	Benzidine		U		N	
B171155-BSD1	B171155-BSD1	Benzo(A)Anthracene	1.24			N	
B171155-BSD1	B171155-BSD1	Benzo(A)Pyrene	1.16			N	
B171155-BSD1	B171155-BSD1	Benzo(B)Fluoranthene	1.15			N	
B171155-BSD1	B171155-BSD1	Benzo(G,H,I)Perylene	1.28			N	
B171155-BSD1	B171155-BSD1	Benzo(K)Fluoranthene	1.16			N	
B171155-BSD1	B171155-BSD1	Benzoic Acid		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171155-BSD1	B171155-BSD1	Benzyl Butyl Phthalate	1.35			N	
B171155-BSD1	B171155-BSD1	Bis(2-Chloroethoxy) Methane	1.19			N	
B171155-BSD1	B171155-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.19			N	
B171155-BSD1	B171155-BSD1	Bis(2-Chloroisopropyl) Ether	1.14			N	
B171155-BSD1	B171155-BSD1	Bis(2-Ethylhexyl) Phthalate	1.38			N	
B171155-BSD1	B171155-BSD1	Carbazole	1.16			N	
B171155-BSD1	B171155-BSD1	Chrysene	1.18			N	
B171155-BSD1	B171155-BSD1	Chrysene-D12	1.33			N	
B171155-BSD1	B171155-BSD1	Dibenz(A,H)Anthracene	1.28			N	
B171155-BSD1	B171155-BSD1	Dibenzofuran	1.36			N	
B171155-BSD1	B171155-BSD1	Diethyl Phthalate	1.4			N	
B171155-BSD1	B171155-BSD1	Dimethyl Phthalate	1.38			N	
B171155-BSD1	B171155-BSD1	Di-N-Butyl Phthalate	1.26			N	
B171155-BSD1	B171155-BSD1	Di-N-Octylphthalate	1.24			N	
B171155-BSD1	B171155-BSD1	Fluoranthene	1.16			N	
B171155-BSD1	B171155-BSD1	Fluorene	1.31			N	
B171155-BSD1	B171155-BSD1	Hexachlorobenzene	1.16			N	
B171155-BSD1	B171155-BSD1	Hexachlorobutadiene	1.04			N	
B171155-BSD1	B171155-BSD1	Hexachlorocyclopentadiene	0.905			N	
B171155-BSD1	B171155-BSD1	Hexachloroethane	0.951			N	
B171155-BSD1	B171155-BSD1	Indeno(1,2,3-C,D)Pyrene	1.19			N	
B171155-BSD1	B171155-BSD1	Isophorone	1.15			N	
B171155-BSD1	B171155-BSD1	Naphthalene	1.05			N	
B171155-BSD1	B171155-BSD1	Naphthalene-D8	1.33			N	
B171155-BSD1	B171155-BSD1	Nitrobenzene	1.08			N	
B171155-BSD1	B171155-BSD1	Nitrobenzene-D5	61.1			N	
B171155-BSD1	B171155-BSD1	N-Nitrosodimethylamine	1.02			N	
B171155-BSD1	B171155-BSD1	N-Nitrosodi-N-Propylamine	1.11			N	
B171155-BSD1	B171155-BSD1	N-Nitrosodiphenylamine	1.64			N	
B171155-BSD1	B171155-BSD1	Pentachloronitrobenzene	1.19			N	
B171155-BSD1	B171155-BSD1	Pentachlorophenol	0.93			N	
B171155-BSD1	B171155-BSD1	Perylene-D12	1.33			N	
B171155-BSD1	B171155-BSD1	Phenanthrene	1.21			N	
B171155-BSD1	B171155-BSD1	Phenanthrene-D10	1.33			N	
B171155-BSD1	B171155-BSD1	Phenol	1.03			N	
B171155-BSD1	B171155-BSD1	Phenol-D6	63.9			N	
B171155-BSD1	B171155-BSD1	Pyrene	1.24			N	
B171155-BSD1	B171155-BSD1	Pyridine	0.785			N	
B171155-BSD1	B171155-BSD1	Terphenyl-D14	77			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,2,4,5-Tetrachlorobenzene	1.56			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,2,4-Trichlorobenzene	1.29			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,2-Dichlorobenzene	1.12			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,2-Diphenylhydrazine	1.61			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,3-Dichlorobenzene	1.08			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,4-Dichlorobenzene	1.1			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,4-Dichlorobenzene-D4	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1-Methylnaphthalene	2.11			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4,5-Trichlorophenol	1.14			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4,6-Tribromophenol	41			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4,6-Trichlorophenol	0.722			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4-Dichlorophenol	1.26			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4-Dimethylphenol	1.44			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4-Dinitrophenol		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4-Dinitrotoluene	1.66			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,6-Dinitrotoluene	1.71			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Chloronaphthalene	1.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Chlorophenol	1.15			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Fluorobiphenyl	76.8			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Fluorophenol	55			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Methylnaphthalene	2.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Methylphenol (O-Cresol)	1.26			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Nitroaniline	1.65			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Nitrophenol	0.872			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	3- And 4- Methylphenol (Total)	1.34			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	3,3'-Dichlorobenzidine	1.16			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171155-MS1	3-Nitroaniline	1.45			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4,6-Dinitro-2-Methylphenol	0.819			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Bromophenyl Phenyl Ether	1.53			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Chloro-3-Methylphenol	1.43			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Chloroaniline		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Chlorophenyl Phenyl Ether	1.71			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Nitroaniline	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Nitrophenol	1.13			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Acenaphthene	1.56			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Acenaphthene-D10	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Acenaphthylene	1.56			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Acetophenone	1.33			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Aniline		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Anthracene	1.41			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzidine		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(A)Anthracene	2.11			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(A)Pyrene	1.85			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(B)Fluoranthene	2.11			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(G,H,I)Perylene	1.39			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(K)Fluoranthene	1.8			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzoic Acid		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzyl Butyl Phthalate	1.72			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Bis(2-Chloroethoxy) Methane	1.45			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Bis(2-Chloroisopropyl) Ether	1.37			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Bis(2-Ethylhexyl) Phthalate	2.75			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Carbazole	1.52			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Chrysene	2.04			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Chrysene-D12	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Dibenz(A,H)Anthracene	1.26			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Dibenzofuran	1.93			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Diethyl Phthalate	1.81			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Dimethyl Phthalate	1.71			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Di-N-Butyl Phthalate	1.66			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Di-N-Octylphthalate	2.19			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Fluoranthene	2.25			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Fluorene	1.74			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Hexachlorobenzene	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Hexachlorobutadiene	1.35			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Hexachlorocyclopentadiene		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Hexachloroethane	1.18			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Indeno(1,2,3-C,D)Pyrene	1.35			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Isophorone	1.44			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Naphthalene	1.83			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Naphthalene-D8	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Nitrobenzene	1.32			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Nitrobenzene-D5	62.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	N-Nitrosodimethylamine	1.01			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	N-Nitrosodi-N-Propylamine	1.36			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	N-Nitrosodiphenylamine	2.56			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Pentachloronitrobenzene	1.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Pentachlorophenol		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Perylene-D12	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Phenanthrene	2.37			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Phenanthrene-D10	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Phenol	1.19			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Phenol-D6	61.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Pyrene	3.59			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Pyridine	0.779			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Terphenyl-D14	78.8			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,2,4,5-Tetrachlorobenzene	1.34			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,2,4-Trichlorobenzene	1.13			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,2-Dichlorobenzene	1.04			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,2-Diphenylhydrazine	1.38			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,3-Dichlorobenzene	0.993			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,4-Dichlorobenzene	1			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,4-Dichlorobenzene-D4	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1-Methylnaphthalene	1.8			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4,5-Trichlorophenol	0.995			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4,6-Tribromophenol	34.6			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4,6-Trichlorophenol	0.644			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4-Dichlorophenol	1.08			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4-Dimethylphenol	1.23			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4-Dinitrophenol		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4-Dinitrotoluene	1.45			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,6-Dinitrotoluene	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Chloronaphthalene	1.3			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Chlorophenol	1.06			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Fluorobiphenyl	68.2			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Fluorophenol	50.7			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Methylnaphthalene	2.12			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Methylphenol (O-Cresol)	1.14			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Nitroaniline	1.44			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Nitrophenol	0.807			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	3- And 4- Methylphenol (Total)	1.21			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	3,3'-Dichlorobenzidine	1.06			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	3-Nitroaniline	1.22			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4,6-Dinitro-2-Methylphenol	0.682			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Bromophenyl Phenyl Ether	1.29			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Chloro-3-Methylphenol	1.2			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Chloroaniline		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Chlorophenyl Phenyl Ether	1.46			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Nitroaniline	1.46			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Nitrophenol	1.11			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Acenaphthene	1.36			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Acenaphthene-D10	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Acenaphthylene	1.36			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Acetophenone	1.18			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Aniline	0.477			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Anthracene	1.36			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzidine		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(A)Anthracene	1.85			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(A)Pyrene	1.56			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(B)Fluoranthene	1.79			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(G,H,I)Perylene	1.16			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(K)Fluoranthene	1.4			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzoic Acid		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzyl Butyl Phthalate	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Bis(2-Chloroethoxy) Methane	1.25			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.34			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Bis(2-Chloroisopropyl) Ether	1.22			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Bis(2-Ethylhexyl) Phthalate	2.35			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Carbazole	1.3			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Chrysene	1.67			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Chrysene-D12	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Dibenz(A,H)Anthracene	1.09			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Dibenzofuran	1.65			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Diethyl Phthalate	1.5			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Dimethyl Phthalate	1.46			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Di-N-Butyl Phthalate	1.4			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Di-N-Octylphthalate	1.72			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Fluoranthene	1.96			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Fluorene	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Hexachlorobenzene	1.21			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Hexachlorobutadiene	1.16			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Hexachlorocyclopentadiene		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Hexachloroethane	1.15			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Indeno(1,2,3-C,D)Pyrene	1.19			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Isophorone	1.23			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Naphthalene	1.56			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171155-MSD1	Naphthalene-D8	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Nitrobenzene	1.17			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Nitrobenzene-D5	56.9			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	N-Nitrosodimethylamine	0.951			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	N-Nitrosodi-N-Propylamine	1.21			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	N-Nitrosodiphenylamine	2			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Pentachloronitrobenzene	1.33			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Pentachlorophenol		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Perylene-D12	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Phenanthrene	2.06			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Phenanthrene-D10	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Phenol	1.07			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Phenol-D6	56.8			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Pyrene	2.52			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Pyridine	0.713			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Terphenyl-D14	69.9			N	
LW-05-COMP1-0-6'DUP1	B171174-DUP1	Solids, Percent	79.1			N	
LW-06-2-4'DUP1	B171182-DUP1	Solids, Percent	72.6			N	
LW-03/MS/MSD-COMP-4	B171182-DUP2	Solids, Percent	80.7			N	
B171185-BLK1	B171185-BLK1	1,2,4,5-Tetrachlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,2,4-Trichlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,2-Dichlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,2-Diphenylhydrazine		U		N	
B171185-BLK1	B171185-BLK1	1,3-Dichlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,4-Dichlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,4-Dichlorobenzene-D4	40			N	
B171185-BLK1	B171185-BLK1	1-Methylnaphthalene		U		N	
B171185-BLK1	B171185-BLK1	2,4,5-Trichlorophenol		U		N	
B171185-BLK1	B171185-BLK1	2,4,6-Tribromophenol	96.9			N	
B171185-BLK1	B171185-BLK1	2,4,6-Trichlorophenol		U		N	
B171185-BLK1	B171185-BLK1	2,4-Dichlorophenol		U		N	
B171185-BLK1	B171185-BLK1	2,4-Dimethylphenol		U		N	
B171185-BLK1	B171185-BLK1	2,4-Dinitrophenol		U		N	
B171185-BLK1	B171185-BLK1	2,4-Dinitrotoluene		U		N	
B171185-BLK1	B171185-BLK1	2,6-Dinitrotoluene		U		N	
B171185-BLK1	B171185-BLK1	2-Chloronaphthalene		U		N	
B171185-BLK1	B171185-BLK1	2-Chlorophenol		U		N	
B171185-BLK1	B171185-BLK1	2-Fluorobiphenyl	84.4			N	
B171185-BLK1	B171185-BLK1	2-Fluorophenol	55.3			N	
B171185-BLK1	B171185-BLK1	2-Methylnaphthalene		U		N	
B171185-BLK1	B171185-BLK1	2-Methylphenol (O-Cresol)		U		N	
B171185-BLK1	B171185-BLK1	2-Nitroaniline		U		N	
B171185-BLK1	B171185-BLK1	2-Nitrophenol		U		N	
B171185-BLK1	B171185-BLK1	3- And 4- Methylphenol (Total)		U		N	
B171185-BLK1	B171185-BLK1	3,3'-Dichlorobenzidine		U		N	
B171185-BLK1	B171185-BLK1	3-Nitroaniline		U		N	
B171185-BLK1	B171185-BLK1	4,6-Dinitro-2-Methylphenol		U		N	
B171185-BLK1	B171185-BLK1	4-Bromophenyl Phenyl Ether		U		N	
B171185-BLK1	B171185-BLK1	4-Chloro-3-Methylphenol		U		N	
B171185-BLK1	B171185-BLK1	4-Chloroaniline		U		N	
B171185-BLK1	B171185-BLK1	4-Chlorophenyl Phenyl Ether		U		N	
B171185-BLK1	B171185-BLK1	4-Nitroaniline		U		N	
B171185-BLK1	B171185-BLK1	4-Nitrophenol		U		N	
B171185-BLK1	B171185-BLK1	Acenaphthene		U		N	
B171185-BLK1	B171185-BLK1	Acenaphthene-D10	40			N	
B171185-BLK1	B171185-BLK1	Acenaphthylene		U		N	
B171185-BLK1	B171185-BLK1	Acetophenone		U		N	
B171185-BLK1	B171185-BLK1	Aniline		U		N	
B171185-BLK1	B171185-BLK1	Anthracene		U		N	
B171185-BLK1	B171185-BLK1	Benzidine		U		N	
B171185-BLK1	B171185-BLK1	Benzo(A)Anthracene		U		N	
B171185-BLK1	B171185-BLK1	Benzo(A)Pyrene		U		N	
B171185-BLK1	B171185-BLK1	Benzo(B)Fluoranthene		U		N	
B171185-BLK1	B171185-BLK1	Benzo(G,H,I)Perylene		U		N	
B171185-BLK1	B171185-BLK1	Benzo(K)Fluoranthene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171185-BLK1	B171185-BLK1	Benzoic Acid		U		N	
B171185-BLK1	B171185-BLK1	Benzyl Butyl Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Bis(2-Chloroethoxy) Methane		U		N	
B171185-BLK1	B171185-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
B171185-BLK1	B171185-BLK1	Bis(2-Chloroisopropyl) Ether		U		N	
B171185-BLK1	B171185-BLK1	Bis(2-Ethylhexyl) Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Carbazole		U		N	
B171185-BLK1	B171185-BLK1	Chrysene		U		N	
B171185-BLK1	B171185-BLK1	Chrysene-D12	40			N	
B171185-BLK1	B171185-BLK1	Dibenz(A,H)Anthracene		U		N	
B171185-BLK1	B171185-BLK1	Dibenzofuran		U		N	
B171185-BLK1	B171185-BLK1	Diethyl Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Dimethyl Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Di-N-Butyl Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Di-N-Octylphthalate		U		N	
B171185-BLK1	B171185-BLK1	Fluoranthene		U		N	
B171185-BLK1	B171185-BLK1	Fluorene		U		N	
B171185-BLK1	B171185-BLK1	Hexachlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	Hexachlorobutadiene		U		N	
B171185-BLK1	B171185-BLK1	Hexachlorocyclopentadiene		U		N	
B171185-BLK1	B171185-BLK1	Hexachloroethane		U		N	
B171185-BLK1	B171185-BLK1	Indeno(1,2,3-C,D)Pyrene		U		N	
B171185-BLK1	B171185-BLK1	Isophorone		U		N	
B171185-BLK1	B171185-BLK1	Naphthalene		U		N	
B171185-BLK1	B171185-BLK1	Naphthalene-D8	40			N	
B171185-BLK1	B171185-BLK1	Nitrobenzene		U		N	
B171185-BLK1	B171185-BLK1	Nitrobenzene-D5	88.2			N	
B171185-BLK1	B171185-BLK1	N-Nitrosodimethylamine		U		N	
B171185-BLK1	B171185-BLK1	N-Nitrosodi-N-Propylamine		U		N	
B171185-BLK1	B171185-BLK1	N-Nitrosodiphenylamine		U		N	
B171185-BLK1	B171185-BLK1	Pentachloronitrobenzene		U		N	
B171185-BLK1	B171185-BLK1	Pentachlorophenol		U		N	
B171185-BLK1	B171185-BLK1	Perylene-D12	40			N	
B171185-BLK1	B171185-BLK1	Phenanthrene		U		N	
B171185-BLK1	B171185-BLK1	Phenanthrene-D10	40			N	
B171185-BLK1	B171185-BLK1	Phenol		U		N	
B171185-BLK1	B171185-BLK1	Phenol-D6	38.5			N	
B171185-BLK1	B171185-BLK1	Pyrene		U		N	
B171185-BLK1	B171185-BLK1	Pyridine		U		N	
B171185-BLK1	B171185-BLK1	Terphenyl-D14	97.4			N	
B171185-BLK2	B171185-BLK2	1,4-Dichlorobenzene-D4	8			N	
B171185-BLK2	B171185-BLK2	2,4,6-Tribromophenol	66.6			N	
B171185-BLK2	B171185-BLK2	2-Fluorobiphenyl	52.9			N	
B171185-BLK2	B171185-BLK2	2-Fluorophenol	31			N	
B171185-BLK2	B171185-BLK2	Acenaphthene-D10	8			N	
B171185-BLK2	B171185-BLK2	Bis(2-Ethylhexyl) Phthalate		U		N	
B171185-BLK2	B171185-BLK2	Chrysene-D12	8			N	
B171185-BLK2	B171185-BLK2	Naphthalene-D8	8			N	
B171185-BLK2	B171185-BLK2	Nitrobenzene-D5	49.9			N	
B171185-BLK2	B171185-BLK2	Perylene-D12	8			N	
B171185-BLK2	B171185-BLK2	Phenanthrene-D10	8			N	
B171185-BLK2	B171185-BLK2	Phenol-D6	21.8			N	
B171185-BLK2	B171185-BLK2	Terphenyl-D14	63.7			N	
B171185-BS1	B171185-BS1	1,2,4,5-Tetrachlorobenzene	41.4			N	
B171185-BS1	B171185-BS1	1,2,4-Trichlorobenzene	44.8			N	
B171185-BS1	B171185-BS1	1,2-Dichlorobenzene	46.9			N	
B171185-BS1	B171185-BS1	1,2-Diphenylhydrazine	45.3			N	
B171185-BS1	B171185-BS1	1,3-Dichlorobenzene	45.7			N	
B171185-BS1	B171185-BS1	1,4-Dichlorobenzene	45.4			N	
B171185-BS1	B171185-BS1	1,4-Dichlorobenzene-D4	40			N	
B171185-BS1	B171185-BS1	1-Methylnaphthalene	44.2			N	
B171185-BS1	B171185-BS1	2,4,5-Trichlorophenol	42.6			N	
B171185-BS1	B171185-BS1	2,4,6-Tribromophenol	108			N	
B171185-BS1	B171185-BS1	2,4,6-Trichlorophenol	43			N	
B171185-BS1	B171185-BS1	2,4-Dichlorophenol	46.2			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171185-BS1	B171185-BS1	2,4-Dimethylphenol	36.6			N	
B171185-BS1	B171185-BS1	2,4-Dinitrophenol	44.1			N	
B171185-BS1	B171185-BS1	2,4-Dinitrotoluene	45.8			N	
B171185-BS1	B171185-BS1	2,6-Dinitrotoluene	46.2			N	
B171185-BS1	B171185-BS1	2-Chloronaphthalene	39.6			N	
B171185-BS1	B171185-BS1	2-Chlorophenol	45.5			N	
B171185-BS1	B171185-BS1	2-Fluorobiphenyl	91.7			N	
B171185-BS1	B171185-BS1	2-Fluorophenol	67.4			N	
B171185-BS1	B171185-BS1	2-Methylnaphthalene	48			N	
B171185-BS1	B171185-BS1	2-Methylphenol (O-Cresol)	41.7			N	
B171185-BS1	B171185-BS1	2-Nitroaniline	44.8			N	
B171185-BS1	B171185-BS1	2-Nitrophenol	45.8			N	
B171185-BS1	B171185-BS1	3- And 4- Methylphenol (Total)	42.6			N	
B171185-BS1	B171185-BS1	3,3'-Dichlorobenzidine	45			N	
B171185-BS1	B171185-BS1	3-Nitroaniline	43.1			N	
B171185-BS1	B171185-BS1	4,6-Dinitro-2-Methylphenol	43.7			N	
B171185-BS1	B171185-BS1	4-Bromophenyl Phenyl Ether	44			N	
B171185-BS1	B171185-BS1	4-Chloro-3-Methylphenol	47			N	
B171185-BS1	B171185-BS1	4-Chloroaniline	40.5			N	
B171185-BS1	B171185-BS1	4-Chlorophenyl Phenyl Ether	44.7			N	
B171185-BS1	B171185-BS1	4-Nitroaniline	44.8			N	
B171185-BS1	B171185-BS1	4-Nitrophenol	25.6			N	
B171185-BS1	B171185-BS1	Acenaphthene	41.8			N	
B171185-BS1	B171185-BS1	Acenaphthene-D10	40			N	
B171185-BS1	B171185-BS1	Acenaphthylene	40.1			N	
B171185-BS1	B171185-BS1	Acetophenone	50.6			N	
B171185-BS1	B171185-BS1	Aniline	45.9			N	
B171185-BS1	B171185-BS1	Anthracene	43.2			N	
B171185-BS1	B171185-BS1	Benzidine		U		N	
B171185-BS1	B171185-BS1	Benzo(A)Anthracene	44.4			N	
B171185-BS1	B171185-BS1	Benzo(A)Pyrene	42.4			N	
B171185-BS1	B171185-BS1	Benzo(B)Fluoranthene	41.2			N	
B171185-BS1	B171185-BS1	Benzo(G,H,I)Perylene	39			N	
B171185-BS1	B171185-BS1	Benzo(K)Fluoranthene	43.4			N	
B171185-BS1	B171185-BS1	Benzoic Acid	12.5			N	
B171185-BS1	B171185-BS1	Benzyl Butyl Phthalate	45.1			N	
B171185-BS1	B171185-BS1	Bis(2-Chloroethoxy) Methane	49			N	
B171185-BS1	B171185-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	50.9			N	
B171185-BS1	B171185-BS1	Bis(2-Chloroisopropyl) Ether	50.1			N	
B171185-BS1	B171185-BS1	Bis(2-Ethylhexyl) Phthalate	43.4			N	
B171185-BS1	B171185-BS1	Carbazole	44.2			N	
B171185-BS1	B171185-BS1	Chrysene	44.3			N	
B171185-BS1	B171185-BS1	Chrysene-D12	40			N	
B171185-BS1	B171185-BS1	Dibenz(A,H)Anthracene	39.2			N	
B171185-BS1	B171185-BS1	Dibenzofuran	44.3			N	
B171185-BS1	B171185-BS1	Diethyl Phthalate	46			N	
B171185-BS1	B171185-BS1	Dimethyl Phthalate	44.8			N	
B171185-BS1	B171185-BS1	Di-N-Butyl Phthalate	44.4			N	
B171185-BS1	B171185-BS1	Di-N-Octylphthalate	41			N	
B171185-BS1	B171185-BS1	Fluoranthene	44.8			N	
B171185-BS1	B171185-BS1	Fluorene	43.5			N	
B171185-BS1	B171185-BS1	Hexachlorobenzene	43.3			N	
B171185-BS1	B171185-BS1	Hexachlorobutadiene	45.6			N	
B171185-BS1	B171185-BS1	Hexachlorocyclopentadiene	31.8			N	
B171185-BS1	B171185-BS1	Hexachloroethane	46.9			N	
B171185-BS1	B171185-BS1	Indeno(1,2,3-C,D)Pyrene	42.6			N	
B171185-BS1	B171185-BS1	Isophorone	49.4			N	
B171185-BS1	B171185-BS1	Naphthalene	44.4			N	
B171185-BS1	B171185-BS1	Naphthalene-D8	40			N	
B171185-BS1	B171185-BS1	Nitrobenzene	47			N	
B171185-BS1	B171185-BS1	Nitrobenzene-D5	96.8			N	
B171185-BS1	B171185-BS1	N-Nitrosodimethylamine	34.7			N	
B171185-BS1	B171185-BS1	N-Nitrosodi-N-Propylamine	50			N	
B171185-BS1	B171185-BS1	N-Nitrosodiphenylamine	57.7			N	
B171185-BS1	B171185-BS1	Pentachloronitrobenzene	43.6			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171185-BS1	B171185-BS1	Pentachlorophenol	37.4			N	
B171185-BS1	B171185-BS1	Perylene-D12	40			N	
B171185-BS1	B171185-BS1	Phenanthrene	44			N	
B171185-BS1	B171185-BS1	Phenanthrene-D10	40			N	
B171185-BS1	B171185-BS1	Phenol	22.6			N	
B171185-BS1	B171185-BS1	Phenol-D6	47.2			N	
B171185-BS1	B171185-BS1	Pyrene	43.1			N	
B171185-BS1	B171185-BS1	Pyridine	31.2			N	
B171185-BS1	B171185-BS1	Terphenyl-D14	95.2			N	
B171185-BSD1	B171185-BSD1	1,2,4,5-Tetrachlorobenzene	39.3			N	
B171185-BSD1	B171185-BSD1	1,2,4-Trichlorobenzene	38.8			N	
B171185-BSD1	B171185-BSD1	1,2-Dichlorobenzene	37.6			N	
B171185-BSD1	B171185-BSD1	1,2-Diphenylhydrazine	44.2			N	
B171185-BSD1	B171185-BSD1	1,3-Dichlorobenzene	36.6			N	
B171185-BSD1	B171185-BSD1	1,4-Dichlorobenzene	36.8			N	
B171185-BSD1	B171185-BSD1	1,4-Dichlorobenzene-D4	40			N	
B171185-BSD1	B171185-BSD1	1-Methylnaphthalene	39.7			N	
B171185-BSD1	B171185-BSD1	2,4,5-Trichlorophenol	42.1			N	
B171185-BSD1	B171185-BSD1	2,4,6-Tribromophenol	108			N	
B171185-BSD1	B171185-BSD1	2,4,6-Trichlorophenol	41.8			N	
B171185-BSD1	B171185-BSD1	2,4-Dichlorophenol	41.4			N	
B171185-BSD1	B171185-BSD1	2,4-Dimethylphenol	28.1			N	
B171185-BSD1	B171185-BSD1	2,4-Dinitrophenol	44.9			N	
B171185-BSD1	B171185-BSD1	2,4-Dinitrotoluene	44.5			N	
B171185-BSD1	B171185-BSD1	2,6-Dinitrotoluene	45.2			N	
B171185-BSD1	B171185-BSD1	2-Chloronaphthalene	37.6			N	
B171185-BSD1	B171185-BSD1	2-Chlorophenol	38.3			N	
B171185-BSD1	B171185-BSD1	2-Fluorobiphenyl	87.5			N	
B171185-BSD1	B171185-BSD1	2-Fluorophenol	53.6			N	
B171185-BSD1	B171185-BSD1	2-Methylnaphthalene	43.2			N	
B171185-BSD1	B171185-BSD1	2-Methylphenol (O-Cresol)	33.8			N	
B171185-BSD1	B171185-BSD1	2-Nitroaniline	42.9			N	
B171185-BSD1	B171185-BSD1	2-Nitrophenol	39.7			N	
B171185-BSD1	B171185-BSD1	3- And 4- Methylphenol (Total)	35.8			N	
B171185-BSD1	B171185-BSD1	3,3'-Dichlorobenzidine	43.8			N	
B171185-BSD1	B171185-BSD1	3-Nitroaniline	41.8			N	
B171185-BSD1	B171185-BSD1	4,6-Dinitro-2-Methylphenol	43.3			N	
B171185-BSD1	B171185-BSD1	4-Bromophenyl Phenyl Ether	44.5			N	
B171185-BSD1	B171185-BSD1	4-Chloro-3-Methylphenol	43.1			N	
B171185-BSD1	B171185-BSD1	4-Chloroaniline	37.2			N	
B171185-BSD1	B171185-BSD1	4-Chlorophenyl Phenyl Ether	44.4			N	
B171185-BSD1	B171185-BSD1	4-Nitroaniline	42.8			N	
B171185-BSD1	B171185-BSD1	4-Nitrophenol	24.5			N	
B171185-BSD1	B171185-BSD1	Acenaphthene	41			N	
B171185-BSD1	B171185-BSD1	Acenaphthene-D10	40			N	
B171185-BSD1	B171185-BSD1	Acenaphthylene	39			N	
B171185-BSD1	B171185-BSD1	Acetophenone	42.1			N	
B171185-BSD1	B171185-BSD1	Aniline	36.1			N	
B171185-BSD1	B171185-BSD1	Anthracene	42.8			N	
B171185-BSD1	B171185-BSD1	Benzidine		U		N	
B171185-BSD1	B171185-BSD1	Benzo(A)Anthracene	44.6			N	
B171185-BSD1	B171185-BSD1	Benzo(A)Pyrene	43.7			N	
B171185-BSD1	B171185-BSD1	Benzo(B)Fluoranthene	42.7			N	
B171185-BSD1	B171185-BSD1	Benzo(G,H,I)Perylene	39.4			N	
B171185-BSD1	B171185-BSD1	Benzo(K)Fluoranthene	44.9			N	
B171185-BSD1	B171185-BSD1	Benzoic Acid	13.3			N	
B171185-BSD1	B171185-BSD1	Benzyl Butyl Phthalate	45.2			N	
B171185-BSD1	B171185-BSD1	Bis(2-Chloroethoxy) Methane	44.2			N	
B171185-BSD1	B171185-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	42.8			N	
B171185-BSD1	B171185-BSD1	Bis(2-Chloroisopropyl) Ether	41			N	
B171185-BSD1	B171185-BSD1	Bis(2-Ethylhexyl) Phthalate	44.3			N	
B171185-BSD1	B171185-BSD1	Carbazole	43.3			N	
B171185-BSD1	B171185-BSD1	Chrysene	44.5			N	
B171185-BSD1	B171185-BSD1	Chrysene-D12	40			N	
B171185-BSD1	B171185-BSD1	Dibenz(A,H)Anthracene	39.1			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171185-BSD1	B171185-BSD1	Dibenzofuran	43.6			N	
B171185-BSD1	B171185-BSD1	Diethyl Phthalate	45.3			N	
B171185-BSD1	B171185-BSD1	Dimethyl Phthalate	44.2			N	
B171185-BSD1	B171185-BSD1	Di-N-Butyl Phthalate	44			N	
B171185-BSD1	B171185-BSD1	Di-N-Octylphthalate	42.8			N	
B171185-BSD1	B171185-BSD1	Fluoranthene	43.6			N	
B171185-BSD1	B171185-BSD1	Fluorene	43.1			N	
B171185-BSD1	B171185-BSD1	Hexachlorobenzene	43.6			N	
B171185-BSD1	B171185-BSD1	Hexachlorobutadiene	39.8			N	
B171185-BSD1	B171185-BSD1	Hexachlorocyclopentadiene	30.2			N	
B171185-BSD1	B171185-BSD1	Hexachloroethane	38.6			N	
B171185-BSD1	B171185-BSD1	Indeno(1,2,3-C,D)Pyrene	41.8			N	
B171185-BSD1	B171185-BSD1	Isophorone	44.3			N	
B171185-BSD1	B171185-BSD1	Naphthalene	39.2			N	
B171185-BSD1	B171185-BSD1	Naphthalene-D8	40			N	
B171185-BSD1	B171185-BSD1	Nitrobenzene	40.3			N	
B171185-BSD1	B171185-BSD1	Nitrobenzene-D5	82.3			N	
B171185-BSD1	B171185-BSD1	N-Nitrosodimethylamine	27.4			N	
B171185-BSD1	B171185-BSD1	N-Nitrosodi-N-Propylamine	42.1			N	
B171185-BSD1	B171185-BSD1	N-Nitrosodiphenylamine	56.5			N	
B171185-BSD1	B171185-BSD1	Pentachloronitrobenzene	43.8			N	
B171185-BSD1	B171185-BSD1	Pentachlorophenol	35.2			N	
B171185-BSD1	B171185-BSD1	Perylene-D12	40			N	
B171185-BSD1	B171185-BSD1	Phenanthrene	43.2			N	
B171185-BSD1	B171185-BSD1	Phenanthrene-D10	40			N	
B171185-BSD1	B171185-BSD1	Phenol	18.6			N	
B171185-BSD1	B171185-BSD1	Phenol-D6	37.8			N	
B171185-BSD1	B171185-BSD1	Pyrene	44.4			N	
B171185-BSD1	B171185-BSD1	Pyridine	24.3			N	
B171185-BSD1	B171185-BSD1	Terphenyl-D14	97.6			N	
B171189-BLK1	B171189-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	77.8			N	
B171189-BLK1	B171189-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	83.3			N	
B171189-BLK1	B171189-BLK1	Decachlorobiphenyl (PCB 209)	77.6			N	
B171189-BLK1	B171189-BLK1	Decachlorobiphenyl (PCB 209)	86.4			N	
B171189-BLK1	B171189-BLK1	PCB-1016 (Aroclor 1016)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1016 (Aroclor 1016)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1221 (Aroclor 1221)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1221 (Aroclor 1221)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1232 (Aroclor 1232)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1232 (Aroclor 1232)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1242 (Aroclor 1242)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1242 (Aroclor 1242)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1248 (Aroclor 1248)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1248 (Aroclor 1248)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1254 (Aroclor 1254)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1254 (Aroclor 1254)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1260 (Aroclor 1260)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1260 (Aroclor 1260)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1262 (Aroclor 1262)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1262 (Aroclor 1262)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1268 (Aroclor 1268)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1268 (Aroclor 1268)		U		N	
B171189-BS1	B171189-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89.8			N	
B171189-BS1	B171189-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	101			N	
B171189-BS1	B171189-BS1	Decachlorobiphenyl (PCB 209)	95.5			N	
B171189-BS1	B171189-BS1	Decachlorobiphenyl (PCB 209)	105			N	
B171189-BS1	B171189-BS1	PCB-1016 (Aroclor 1016)	0.17			N	
B171189-BS1	B171189-BS1	PCB-1016 (Aroclor 1016)	0.18			N	
B171189-BS1	B171189-BS1	PCB-1260 (Aroclor 1260)	0.16			N	
B171189-BS1	B171189-BS1	PCB-1260 (Aroclor 1260)	0.18			N	
B171189-BSD1	B171189-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	94.6			N	
B171189-BSD1	B171189-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	108			N	
B171189-BSD1	B171189-BSD1	Decachlorobiphenyl (PCB 209)	95.2			N	
B171189-BSD1	B171189-BSD1	Decachlorobiphenyl (PCB 209)	111			N	
B171189-BSD1	B171189-BSD1	PCB-1016 (Aroclor 1016)	0.18			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171189-BSD1	B171189-BSD1	PCB-1016 (Aroclor 1016)	0.19			N	
B171189-BSD1	B171189-BSD1	PCB-1260 (Aroclor 1260)	0.17			N	
B171189-BSD1	B171189-BSD1	PCB-1260 (Aroclor 1260)	0.19			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	71.7			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	70.5			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	Decachlorobiphenyl (PCB 209)	67.1			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	Decachlorobiphenyl (PCB 209)	77.4			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	PCB-1016 (Aroclor 1016)	0.29	D		N	
LW-03/MS/MSD-COMP-4	B171189-MS1	PCB-1016 (Aroclor 1016)	0.34	D		N	
LW-03/MS/MSD-COMP-4	B171189-MS1	PCB-1260 (Aroclor 1260)	0.27	D		N	
LW-03/MS/MSD-COMP-4	B171189-MS1	PCB-1260 (Aroclor 1260)	0.3	D		N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	57.6			N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	58.1			N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	Decachlorobiphenyl (PCB 209)	55.5			N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	Decachlorobiphenyl (PCB 209)	64.3			N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	PCB-1016 (Aroclor 1016)	0.2	D		N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	PCB-1016 (Aroclor 1016)	0.23	D		N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	PCB-1260 (Aroclor 1260)	0.27	D		N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	PCB-1260 (Aroclor 1260)	0.3	D		N	
B171190-BLK1	B171190-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	73.8			N	
B171190-BLK1	B171190-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	71.6			N	
B171190-BLK1	B171190-BLK1	Decachlorobiphenyl (PCB 209)	75.5			N	
B171190-BLK1	B171190-BLK1	Decachlorobiphenyl (PCB 209)	73.9			N	
B171190-BLK1	B171190-BLK1	Endrin Aldehyde		U		N	
B171190-BLK1	B171190-BLK1	Endrin Aldehyde		U		N	
B171190-BS1	B171190-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	91.3			N	
B171190-BS1	B171190-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	84.8			N	
B171190-BS1	B171190-BS1	Decachlorobiphenyl (PCB 209)	88.7			N	
B171190-BS1	B171190-BS1	Decachlorobiphenyl (PCB 209)	88.4			N	
B171190-BS1	B171190-BS1	Endrin Aldehyde	0.089			N	
B171190-BS1	B171190-BS1	Endrin Aldehyde	0.086			N	
B171190-BSD1	B171190-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	83.6			N	
B171190-BSD1	B171190-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	76.7			N	
B171190-BSD1	B171190-BSD1	Decachlorobiphenyl (PCB 209)	80.6			N	
B171190-BSD1	B171190-BSD1	Decachlorobiphenyl (PCB 209)	81.2			N	
B171190-BSD1	B171190-BSD1	Endrin Aldehyde	0.082			N	
B171190-BSD1	B171190-BSD1	Endrin Aldehyde	0.077			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	74.7			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	63.4			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	Decachlorobiphenyl (PCB 209)	74.8			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	Decachlorobiphenyl (PCB 209)	65.9			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	Endrin Aldehyde	0.054			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	Endrin Aldehyde	0.048			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	72.3			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	62.7			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	Decachlorobiphenyl (PCB 209)	69.6			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	Decachlorobiphenyl (PCB 209)	62.9			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	Endrin Aldehyde	0.05			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	Endrin Aldehyde	0.053			N	
B171192-BLK1	B171192-BLK1	Aluminum		U		N	
B171192-BLK1	B171192-BLK1	Antimony		U		N	
B171192-BLK1	B171192-BLK1	Arsenic		U		N	
B171192-BLK1	B171192-BLK1	Barium		U		N	
B171192-BLK1	B171192-BLK1	Beryllium		U		N	
B171192-BLK1	B171192-BLK1	Cadmium		U		N	
B171192-BLK1	B171192-BLK1	Calcium		U		N	
B171192-BLK1	B171192-BLK1	Chromium, Total		U		N	
B171192-BLK1	B171192-BLK1	Cobalt		U		N	
B171192-BLK1	B171192-BLK1	Copper		U		N	
B171192-BLK1	B171192-BLK1	Iron		U		N	
B171192-BLK1	B171192-BLK1	Lead		U		N	
B171192-BLK1	B171192-BLK1	Magnesium		U		N	
B171192-BLK1	B171192-BLK1	Manganese		U		N	
B171192-BLK1	B171192-BLK1	Nickel		U		N	
B171192-BLK1	B171192-BLK1	Potassium		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171192-BLK1	B171192-BLK1	Selenium		U		N	
B171192-BLK1	B171192-BLK1	Silver		U		N	
B171192-BLK1	B171192-BLK1	Sodium		U		N	
B171192-BLK1	B171192-BLK1	Thallium		U		N	
B171192-BLK1	B171192-BLK1	Vanadium		U		N	
B171192-BLK1	B171192-BLK1	Zinc		U		N	
B171192-BS1	B171192-BS1	Silver	0.484			N	
B171192-BS2	B171192-BS2	Aluminum	2.07			N	
B171192-BS2	B171192-BS2	Antimony	2.08			N	
B171192-BS2	B171192-BS2	Arsenic	2.12			N	
B171192-BS2	B171192-BS2	Barium	2.12			N	
B171192-BS2	B171192-BS2	Beryllium	2.22			N	
B171192-BS2	B171192-BS2	Cadmium	2.17			N	
B171192-BS2	B171192-BS2	Calcium	2.13			N	
B171192-BS2	B171192-BS2	Chromium, Total	2.1			N	
B171192-BS2	B171192-BS2	Cobalt	2.11			N	
B171192-BS2	B171192-BS2	Copper	2.05			N	
B171192-BS2	B171192-BS2	Iron	2.24			N	
B171192-BS2	B171192-BS2	Lead	2.13			N	
B171192-BS2	B171192-BS2	Magnesium	2.05			N	
B171192-BS2	B171192-BS2	Manganese	2.19			N	
B171192-BS2	B171192-BS2	Nickel	2.14			N	
B171192-BS2	B171192-BS2	Potassium	19.6			N	
B171192-BS2	B171192-BS2	Selenium	2.15			N	
B171192-BS2	B171192-BS2	Sodium	2.07			N	
B171192-BS2	B171192-BS2	Thallium	2.02			N	
B171192-BS2	B171192-BS2	Vanadium	2.04			N	
B171192-BS2	B171192-BS2	Zinc	2.24			N	
B171192-BSD1	B171192-BSD1	Silver	0.471			N	
B171192-BSD2	B171192-BSD2	Aluminum	2.08			N	
B171192-BSD2	B171192-BSD2	Antimony	2.11			N	
B171192-BSD2	B171192-BSD2	Arsenic	2.15			N	
B171192-BSD2	B171192-BSD2	Barium	2.12			N	
B171192-BSD2	B171192-BSD2	Beryllium	2.22			N	
B171192-BSD2	B171192-BSD2	Cadmium	2.17			N	
B171192-BSD2	B171192-BSD2	Calcium	2.14			N	
B171192-BSD2	B171192-BSD2	Chromium, Total	2.11			N	
B171192-BSD2	B171192-BSD2	Cobalt	2.14			N	
B171192-BSD2	B171192-BSD2	Copper	2.04			N	
B171192-BSD2	B171192-BSD2	Iron	2.24			N	
B171192-BSD2	B171192-BSD2	Lead	2.16			N	
B171192-BSD2	B171192-BSD2	Magnesium	2.05			N	
B171192-BSD2	B171192-BSD2	Manganese	2.19			N	
B171192-BSD2	B171192-BSD2	Nickel	2.16			N	
B171192-BSD2	B171192-BSD2	Potassium	19.7			N	
B171192-BSD2	B171192-BSD2	Selenium	2.17			N	
B171192-BSD2	B171192-BSD2	Sodium	2.06			N	
B171192-BSD2	B171192-BSD2	Thallium	2.04			N	
B171192-BSD2	B171192-BSD2	Vanadium	2.04			N	
B171192-BSD2	B171192-BSD2	Zinc	2.27			N	
B171208-BLK1	B171208-BLK1	Aluminum		U		N	
B171208-BLK1	B171208-BLK1	Antimony		U		N	
B171208-BLK1	B171208-BLK1	Arsenic		U		N	
B171208-BLK1	B171208-BLK1	Barium		U		N	
B171208-BLK1	B171208-BLK1	Beryllium		U		N	
B171208-BLK1	B171208-BLK1	Cadmium		U		N	
B171208-BLK1	B171208-BLK1	Calcium		U		N	
B171208-BLK1	B171208-BLK1	Chromium, Total		U		N	
B171208-BLK1	B171208-BLK1	Cobalt		U		N	
B171208-BLK1	B171208-BLK1	Copper		U		N	
B171208-BLK1	B171208-BLK1	Iron		U		N	
B171208-BLK1	B171208-BLK1	Lead		U		N	
B171208-BLK1	B171208-BLK1	Magnesium		U		N	
B171208-BLK1	B171208-BLK1	Manganese		U		N	
B171208-BLK1	B171208-BLK1	Nickel		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171208-BLK1	B171208-BLK1	Potassium		U		N	
B171208-BLK1	B171208-BLK1	Selenium		U		N	
B171208-BLK1	B171208-BLK1	Silver		U		N	
B171208-BLK1	B171208-BLK1	Sodium		U		N	
B171208-BLK1	B171208-BLK1	Thallium		U		N	
B171208-BLK1	B171208-BLK1	Vanadium		U		N	
B171208-BLK1	B171208-BLK1	Zinc		U		N	
B171208-BS1	B171208-BS1	Aluminum	5340			N	
B171208-BS1	B171208-BS1	Antimony	157			N	
B171208-BS1	B171208-BS1	Arsenic	63.6			N	
B171208-BS1	B171208-BS1	Barium	106			N	
B171208-BS1	B171208-BS1	Beryllium	76.3			N	
B171208-BS1	B171208-BS1	Cadmium	80.6			N	
B171208-BS1	B171208-BS1	Calcium	6250			N	
B171208-BS1	B171208-BS1	Chromium, Total	64.8			N	
B171208-BS1	B171208-BS1	Cobalt	60.9			N	
B171208-BS1	B171208-BS1	Copper	60.3			N	
B171208-BS1	B171208-BS1	Iron	12300			N	
B171208-BS1	B171208-BS1	Lead	89.3			N	
B171208-BS1	B171208-BS1	Magnesium	2230			N	
B171208-BS1	B171208-BS1	Manganese	289			N	
B171208-BS1	B171208-BS1	Nickel	63.4			N	
B171208-BS1	B171208-BS1	Potassium	2200			N	
B171208-BS1	B171208-BS1	Selenium	85.5			N	
B171208-BS1	B171208-BS1	Silver	55.8			N	
B171208-BS1	B171208-BS1	Sodium	784			N	
B171208-BS1	B171208-BS1	Thallium	187			N	
B171208-BS1	B171208-BS1	Vanadium	52.4			N	
B171208-BS1	B171208-BS1	Zinc	215			N	
B171208-BSD1	B171208-BSD1	Aluminum	4980			N	
B171208-BSD1	B171208-BSD1	Antimony	168			N	
B171208-BSD1	B171208-BSD1	Arsenic	65.1			N	
B171208-BSD1	B171208-BSD1	Barium	100			N	
B171208-BSD1	B171208-BSD1	Beryllium	78.4			N	
B171208-BSD1	B171208-BSD1	Cadmium	81			N	
B171208-BSD1	B171208-BSD1	Calcium	6200			N	
B171208-BSD1	B171208-BSD1	Chromium, Total	63.8			N	
B171208-BSD1	B171208-BSD1	Cobalt	61.2			N	
B171208-BSD1	B171208-BSD1	Copper	60.5			N	
B171208-BSD1	B171208-BSD1	Iron	11700			N	
B171208-BSD1	B171208-BSD1	Lead	86.4			N	
B171208-BSD1	B171208-BSD1	Magnesium	2130			N	
B171208-BSD1	B171208-BSD1	Manganese	258			N	
B171208-BSD1	B171208-BSD1	Nickel	63.9			N	
B171208-BSD1	B171208-BSD1	Potassium	2070			N	
B171208-BSD1	B171208-BSD1	Selenium	88			N	
B171208-BSD1	B171208-BSD1	Silver	56.4			N	
B171208-BSD1	B171208-BSD1	Sodium	792			N	
B171208-BSD1	B171208-BSD1	Thallium	188			N	
B171208-BSD1	B171208-BSD1	Vanadium	51.4			N	
B171208-BSD1	B171208-BSD1	Zinc	215			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Aluminum	6690			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Arsenic	17.7			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Barium	128			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Beryllium	1.06			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Cadmium	1.01			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Calcium	53000			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Chromium, Total	293			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Cobalt	4.63			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Copper	71			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Iron	47400	D		N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Lead	163			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Magnesium	9340			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Manganese	6860			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Nickel	18			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171208-DUP1	Potassium	834			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Selenium	2.7	J		N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Silver		U		N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Thallium	10.5			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Vanadium	144			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Zinc	182			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Aluminum	5490			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Arsenic	161			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Barium	317			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Beryllium	149			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Cadmium	138			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Calcium	43700			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Cobalt	135			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Copper	202			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Iron	40300	D		N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Lead	303			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Magnesium	8090			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Manganese	7160			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Nickel	169			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Potassium	2350			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Selenium	146			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Silver	133			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Thallium	130			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Vanadium	285			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Aluminum	7780			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Arsenic	158			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Barium	255			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Beryllium	139			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Cadmium	129			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Calcium	58100			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Cobalt	126			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Copper	192			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Iron	42500	D		N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Lead	261			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Magnesium	11400			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Manganese	5220			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Nickel	142			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Potassium	2560			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Selenium	139			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Silver	125			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Thallium	124			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Vanadium	220			N	
B171217-BLK1	B171217-BLK1	Mercury		U		N	
B171217-BS1	B171217-BS1	Mercury	9.15	D		N	
B171217-BSD1	B171217-BSD1	Mercury	9.6	D		N	
LW-03/MS/MSD-COMP-4	B171217-DUP1	Mercury	0.0816			N	
B171259-BLK1	B171259-BLK1	1,1,1,2-Tetrachloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1,1-Trichloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1,2,2-Tetrachloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1,2-Trichloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1-Dichloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1-Dichloroethene		U		N	
B171259-BLK1	B171259-BLK1	1,1-Dichloropropene		U		N	
B171259-BLK1	B171259-BLK1	1,2,3-Trichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,2,3-Trichloropropane		U		N	
B171259-BLK1	B171259-BLK1	1,2,4-Trichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,2,4-Trimethylbenzene		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dibromo-3-Chloropropane		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dichloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dichloroethane-D4	97.2			N	
B171259-BLK1	B171259-BLK1	1,2-Dichloropropane		U		N	
B171259-BLK1	B171259-BLK1	1,3,5-Trichlorobenzene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171259-BLK1	B171259-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
B171259-BLK1	B171259-BLK1	1,3-Dichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,3-Dichloropropane		U		N	
B171259-BLK1	B171259-BLK1	1,4-Dichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,4-Dichlorobenzene-D4	0.06			N	
B171259-BLK1	B171259-BLK1	1,4-Difluorobenzene	0.06			N	
B171259-BLK1	B171259-BLK1	1,4-Dioxane (P-Dioxane)		U		N	
B171259-BLK1	B171259-BLK1	2,2-Dichloropropane		U		N	
B171259-BLK1	B171259-BLK1	2-Chlorotoluene		U		N	
B171259-BLK1	B171259-BLK1	2-Hexanone		U		N	
B171259-BLK1	B171259-BLK1	2-Methoxy-2-Methylbutane		U		N	
B171259-BLK1	B171259-BLK1	4-Chlorotoluene		U		N	
B171259-BLK1	B171259-BLK1	Acetone		U		N	
B171259-BLK1	B171259-BLK1	Acrylonitrile		U		N	
B171259-BLK1	B171259-BLK1	Benzene		U		N	
B171259-BLK1	B171259-BLK1	Bromobenzene		U		N	
B171259-BLK1	B171259-BLK1	Bromochloromethane		U		N	
B171259-BLK1	B171259-BLK1	Bromodichloromethane		U		N	
B171259-BLK1	B171259-BLK1	Bromoform		U		N	
B171259-BLK1	B171259-BLK1	Bromomethane		U		N	
B171259-BLK1	B171259-BLK1	Carbon Disulfide		U		N	
B171259-BLK1	B171259-BLK1	Carbon Tetrachloride		U		N	
B171259-BLK1	B171259-BLK1	Chlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	Chlorobenzene-D5	0.06			N	
B171259-BLK1	B171259-BLK1	Chloroethane		U		N	
B171259-BLK1	B171259-BLK1	Chloroform		U		N	
B171259-BLK1	B171259-BLK1	Chloromethane		U		N	
B171259-BLK1	B171259-BLK1	Cis-1,2-Dichloroethylene		U		N	
B171259-BLK1	B171259-BLK1	Cis-1,3-Dichloropropene		U		N	
B171259-BLK1	B171259-BLK1	Cyclohexane		U		N	
B171259-BLK1	B171259-BLK1	Cymene		U		N	
B171259-BLK1	B171259-BLK1	Dibromochloromethane		U		N	
B171259-BLK1	B171259-BLK1	Dibromomethane		U		N	
B171259-BLK1	B171259-BLK1	Dichlorodifluoromethane		U		N	
B171259-BLK1	B171259-BLK1	Diethyl Ether (Ethyl Ether)		U		N	
B171259-BLK1	B171259-BLK1	Ethyl Tert-Butyl Ether		U		N	
B171259-BLK1	B171259-BLK1	Ethylbenzene		U		N	
B171259-BLK1	B171259-BLK1	Hexachlorobutadiene		U		N	
B171259-BLK1	B171259-BLK1	Isopropyl Ether		U		N	
B171259-BLK1	B171259-BLK1	Isopropylbenzene (Cumene)		U		N	
B171259-BLK1	B171259-BLK1	m,p-Xylene		U		N	
B171259-BLK1	B171259-BLK1	Methyl Acetate		U		N	
B171259-BLK1	B171259-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		N	
B171259-BLK1	B171259-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
B171259-BLK1	B171259-BLK1	Methylcyclohexane		U		N	
B171259-BLK1	B171259-BLK1	Methylene Chloride		U		N	
B171259-BLK1	B171259-BLK1	Naphthalene		U		N	
B171259-BLK1	B171259-BLK1	N-Butylbenzene		U		N	
B171259-BLK1	B171259-BLK1	N-Propylbenzene		U		N	
B171259-BLK1	B171259-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		N	
B171259-BLK1	B171259-BLK1	p-Bromofluorobenzene	88.6			N	
B171259-BLK1	B171259-BLK1	Pentafluorobenzene	0.06			N	
B171259-BLK1	B171259-BLK1	Sec-Butylbenzene		U		N	
B171259-BLK1	B171259-BLK1	Styrene		U		N	
B171259-BLK1	B171259-BLK1	T-Butylbenzene		U		N	
B171259-BLK1	B171259-BLK1	Tert-Butyl Alcohol		U		N	
B171259-BLK1	B171259-BLK1	Tert-Butyl Methyl Ether		U		N	
B171259-BLK1	B171259-BLK1	Tetrachloroethylene (PCE)		U		N	
B171259-BLK1	B171259-BLK1	Tetrahydrofuran		U		N	
B171259-BLK1	B171259-BLK1	Toluene		U		N	
B171259-BLK1	B171259-BLK1	Toluene-D8	96.8			N	
B171259-BLK1	B171259-BLK1	Trans-1,2-Dichloroethene		U		N	
B171259-BLK1	B171259-BLK1	Trans-1,3-Dichloropropene		U		N	
B171259-BLK1	B171259-BLK1	Trans-1,4-Dichloro-2-Butene		U		N	
B171259-BLK1	B171259-BLK1	Trichloroethylene (TCE)		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171259-BLK1	B171259-BLK1	Trichlorofluoromethane		U		N	
B171259-BLK1	B171259-BLK1	Vinyl Chloride		U		N	
B171259-BS1	B171259-BS1	1,1,1,2-Tetrachloroethane	0.0225			N	
B171259-BS1	B171259-BS1	1,1,1-Trichloroethane	0.0211			N	
B171259-BS1	B171259-BS1	1,1,2,2-Tetrachloroethane	0.0188			N	
B171259-BS1	B171259-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0218			N	
B171259-BS1	B171259-BS1	1,1,2-Trichloroethane	0.0201			N	
B171259-BS1	B171259-BS1	1,1-Dichloroethane	0.0221			N	
B171259-BS1	B171259-BS1	1,1-Dichloroethene	0.0229			N	
B171259-BS1	B171259-BS1	1,1-Dichloropropene	0.0207			N	
B171259-BS1	B171259-BS1	1,2,3-Trichlorobenzene	0.018			N	
B171259-BS1	B171259-BS1	1,2,3-Trichloropropane	0.0189			N	
B171259-BS1	B171259-BS1	1,2,4-Trichlorobenzene	0.018			N	
B171259-BS1	B171259-BS1	1,2,4-Trimethylbenzene	0.0206			N	
B171259-BS1	B171259-BS1	1,2-Dibromo-3-Chloropropane	0.0189			N	
B171259-BS1	B171259-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0205			N	
B171259-BS1	B171259-BS1	1,2-Dichlorobenzene	0.0215			N	
B171259-BS1	B171259-BS1	1,2-Dichloroethane	0.0241			N	
B171259-BS1	B171259-BS1	1,2-Dichloroethane-D4	97.2			N	
B171259-BS1	B171259-BS1	1,2-Dichloropropane	0.0222			N	
B171259-BS1	B171259-BS1	1,3,5-Trichlorobenzene	0.0195			N	
B171259-BS1	B171259-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0225			N	
B171259-BS1	B171259-BS1	1,3-Dichlorobenzene	0.0221			N	
B171259-BS1	B171259-BS1	1,3-Dichloropropane	0.0193			N	
B171259-BS1	B171259-BS1	1,4-Dichlorobenzene	0.0214			N	
B171259-BS1	B171259-BS1	1,4-Dichlorobenzene-D4	0.06			N	
B171259-BS1	B171259-BS1	1,4-Difluorobenzene	0.06			N	
B171259-BS1	B171259-BS1	1,4-Dioxane (P-Dioxane)	0.16			N	
B171259-BS1	B171259-BS1	2,2-Dichloropropane	0.0181			N	
B171259-BS1	B171259-BS1	2-Chlorotoluene	0.0228			N	
B171259-BS1	B171259-BS1	2-Hexanone	0.216			N	
B171259-BS1	B171259-BS1	2-Methoxy-2-Methylbutane	0.0165			N	
B171259-BS1	B171259-BS1	4-Chlorotoluene	0.0216			N	
B171259-BS1	B171259-BS1	Acetone	0.195			N	
B171259-BS1	B171259-BS1	Acrylonitrile	0.0198			N	
B171259-BS1	B171259-BS1	Benzene	0.0206			N	
B171259-BS1	B171259-BS1	Bromobenzene	0.0204			N	
B171259-BS1	B171259-BS1	Bromochloromethane	0.028			N	
B171259-BS1	B171259-BS1	Bromodichloromethane	0.0221			N	
B171259-BS1	B171259-BS1	Bromoform	0.023			N	
B171259-BS1	B171259-BS1	Bromomethane	0.0155			N	
B171259-BS1	B171259-BS1	Carbon Disulfide	0.0215			N	
B171259-BS1	B171259-BS1	Carbon Tetrachloride	0.0214			N	
B171259-BS1	B171259-BS1	Chlorobenzene	0.0227			N	
B171259-BS1	B171259-BS1	Chlorobenzene-D5	0.06			N	
B171259-BS1	B171259-BS1	Chloroethane		U		N	
B171259-BS1	B171259-BS1	Chloroform	0.0211			N	
B171259-BS1	B171259-BS1	Chloromethane	0.0202			N	
B171259-BS1	B171259-BS1	Cis-1,2-Dichloroethylene	0.0201			N	
B171259-BS1	B171259-BS1	Cis-1,3-Dichloropropene	0.0185			N	
B171259-BS1	B171259-BS1	Cyclohexane	0.0222			N	
B171259-BS1	B171259-BS1	Cymene	0.0217			N	
B171259-BS1	B171259-BS1	Dibromochloromethane	0.0236			N	
B171259-BS1	B171259-BS1	Dibromomethane	0.0219			N	
B171259-BS1	B171259-BS1	Dichlorodifluoromethane	0.0207			N	
B171259-BS1	B171259-BS1	Diethyl Ether (Ethyl Ether)	0.0205			N	
B171259-BS1	B171259-BS1	Ethyl Tert-Butyl Ether	0.0194			N	
B171259-BS1	B171259-BS1	Ethylbenzene	0.0222			N	
B171259-BS1	B171259-BS1	Hexachlorobutadiene	0.024			N	
B171259-BS1	B171259-BS1	Isopropyl Ether	0.0232			N	
B171259-BS1	B171259-BS1	Isopropylbenzene (Cumene)	0.0237			N	
B171259-BS1	B171259-BS1	m,p-Xylene	0.0452			N	
B171259-BS1	B171259-BS1	Methyl Acetate	0.0296			N	
B171259-BS1	B171259-BS1	Methyl Ethyl Ketone (2-Butanone)	0.21			N	
B171259-BS1	B171259-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.218			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171259-BS1	B171259-BS1	Methylcyclohexane	0.0217			N	
B171259-BS1	B171259-BS1	Methylene Chloride	0.0256			N	
B171259-BS1	B171259-BS1	Naphthalene	0.0157			N	
B171259-BS1	B171259-BS1	N-Butylbenzene	0.0214			N	
B171259-BS1	B171259-BS1	N-Propylbenzene	0.0226			N	
B171259-BS1	B171259-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0216			N	
B171259-BS1	B171259-BS1	p-Bromofluorobenzene	95.5			N	
B171259-BS1	B171259-BS1	Pentafluorobenzene	0.06			N	
B171259-BS1	B171259-BS1	Sec-Butylbenzene	0.022			N	
B171259-BS1	B171259-BS1	Styrene	0.0215			N	
B171259-BS1	B171259-BS1	T-Butylbenzene	0.0215			N	
B171259-BS1	B171259-BS1	Tert-Butyl Alcohol	0.151			N	
B171259-BS1	B171259-BS1	Tert-Butyl Methyl Ether	0.0178			N	
B171259-BS1	B171259-BS1	Tetrachloroethylene (PCE)	0.0246			N	
B171259-BS1	B171259-BS1	Tetrahydrofuran	0.0201			N	
B171259-BS1	B171259-BS1	Toluene	0.0222			N	
B171259-BS1	B171259-BS1	Toluene-D8	98.2			N	
B171259-BS1	B171259-BS1	Trans-1,2-Dichloroethene	0.0252			N	
B171259-BS1	B171259-BS1	Trans-1,3-Dichloropropene	0.0186			N	
B171259-BS1	B171259-BS1	Trans-1,4-Dichloro-2-Butene	0.0188			N	
B171259-BS1	B171259-BS1	Trichloroethylene (TCE)	0.0225			N	
B171259-BS1	B171259-BS1	Trichlorofluoromethane	0.0249			N	
B171259-BS1	B171259-BS1	Vinyl Chloride	0.0188			N	
B171259-BSD1	B171259-BSD1	1,1,1,2-Tetrachloroethane	0.0248			N	
B171259-BSD1	B171259-BSD1	1,1,1-Trichloroethane	0.0216			N	
B171259-BSD1	B171259-BSD1	1,1,2,2-Tetrachloroethane	0.0208			N	
B171259-BSD1	B171259-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0218			N	
B171259-BSD1	B171259-BSD1	1,1,2-Trichloroethane	0.0207			N	
B171259-BSD1	B171259-BSD1	1,1-Dichloroethane	0.0216			N	
B171259-BSD1	B171259-BSD1	1,1-Dichloroethene	0.0229			N	
B171259-BSD1	B171259-BSD1	1,1-Dichloropropene	0.0211			N	
B171259-BSD1	B171259-BSD1	1,2,3-Trichlorobenzene	0.0188			N	
B171259-BSD1	B171259-BSD1	1,2,3-Trichloropropane	0.0222			N	
B171259-BSD1	B171259-BSD1	1,2,4-Trichlorobenzene	0.0195			N	
B171259-BSD1	B171259-BSD1	1,2,4-Trimethylbenzene	0.0226			N	
B171259-BSD1	B171259-BSD1	1,2-Dibromo-3-Chloropropane	0.0215			N	
B171259-BSD1	B171259-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0224			N	
B171259-BSD1	B171259-BSD1	1,2-Dichlorobenzene	0.0239			N	
B171259-BSD1	B171259-BSD1	1,2-Dichloroethane	0.0247			N	
B171259-BSD1	B171259-BSD1	1,2-Dichloroethane-D4	98.7			N	
B171259-BSD1	B171259-BSD1	1,2-Dichloropropane	0.0221			N	
B171259-BSD1	B171259-BSD1	1,3,5-Trichlorobenzene	0.0214			N	
B171259-BSD1	B171259-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0245			N	
B171259-BSD1	B171259-BSD1	1,3-Dichlorobenzene	0.0241			N	
B171259-BSD1	B171259-BSD1	1,3-Dichloropropane	0.021			N	
B171259-BSD1	B171259-BSD1	1,4-Dichlorobenzene	0.0236			N	
B171259-BSD1	B171259-BSD1	1,4-Dichlorobenzene-D4	0.06			N	
B171259-BSD1	B171259-BSD1	1,4-Difluorobenzene	0.06			N	
B171259-BSD1	B171259-BSD1	1,4-Dioxane (P-Dioxane)	0.158			N	
B171259-BSD1	B171259-BSD1	2,2-Dichloropropane	0.017			N	
B171259-BSD1	B171259-BSD1	2-Chlorotoluene	0.0252			N	
B171259-BSD1	B171259-BSD1	2-Hexanone	0.241			N	
B171259-BSD1	B171259-BSD1	2-Methoxy-2-Methylbutane	0.0167			N	
B171259-BSD1	B171259-BSD1	4-Chlorotoluene	0.024			N	
B171259-BSD1	B171259-BSD1	Acetone	0.216			N	
B171259-BSD1	B171259-BSD1	Acrylonitrile	0.0201			N	
B171259-BSD1	B171259-BSD1	Benzene	0.0208			N	
B171259-BSD1	B171259-BSD1	Bromobenzene	0.0225			N	
B171259-BSD1	B171259-BSD1	Bromochloromethane	0.0287			N	
B171259-BSD1	B171259-BSD1	Bromodichloromethane	0.0231			N	
B171259-BSD1	B171259-BSD1	Bromoform	0.0249			N	
B171259-BSD1	B171259-BSD1	Bromomethane	0.0159			N	
B171259-BSD1	B171259-BSD1	Carbon Disulfide	0.0217			N	
B171259-BSD1	B171259-BSD1	Carbon Tetrachloride	0.0215			N	
B171259-BSD1	B171259-BSD1	Chlorobenzene	0.025			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171259-BSD1	B171259-BSD1	Chlorobenzene-D5	0.06			N	
B171259-BSD1	B171259-BSD1	Chloroethane		U		N	
B171259-BSD1	B171259-BSD1	Chloroform	0.0212			N	
B171259-BSD1	B171259-BSD1	Chloromethane	0.0215			N	
B171259-BSD1	B171259-BSD1	Cis-1,2-Dichloroethylene	0.0202			N	
B171259-BSD1	B171259-BSD1	Cis-1,3-Dichloropropene	0.0196			N	
B171259-BSD1	B171259-BSD1	Cyclohexane	0.0218			N	
B171259-BSD1	B171259-BSD1	Cymene	0.0235			N	
B171259-BSD1	B171259-BSD1	Dibromochloromethane	0.0255			N	
B171259-BSD1	B171259-BSD1	Dibromomethane	0.0221			N	
B171259-BSD1	B171259-BSD1	Dichlorodifluoromethane	0.0211			N	
B171259-BSD1	B171259-BSD1	Diethyl Ether (Ethyl Ether)		U		N	
B171259-BSD1	B171259-BSD1	Ethyl Tert-Butyl Ether	0.0189			N	
B171259-BSD1	B171259-BSD1	Ethylbenzene	0.0241			N	
B171259-BSD1	B171259-BSD1	Hexachlorobutadiene	0.0253			N	
B171259-BSD1	B171259-BSD1	Isopropyl Ether	0.0225			N	
B171259-BSD1	B171259-BSD1	Isopropylbenzene (Cumene)	0.0263			N	
B171259-BSD1	B171259-BSD1	m,p-Xylene	0.0487			N	
B171259-BSD1	B171259-BSD1	Methyl Acetate	0.0289			N	
B171259-BSD1	B171259-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.223			N	
B171259-BSD1	B171259-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.241			N	
B171259-BSD1	B171259-BSD1	Methylcyclohexane	0.0223			N	
B171259-BSD1	B171259-BSD1	Methylene Chloride	0.0258			N	
B171259-BSD1	B171259-BSD1	Naphthalene	0.0184			N	
B171259-BSD1	B171259-BSD1	N-Butylbenzene	0.0235			N	
B171259-BSD1	B171259-BSD1	N-Propylbenzene	0.0248			N	
B171259-BSD1	B171259-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.024			N	
B171259-BSD1	B171259-BSD1	p-Bromofluorobenzene	97.1			N	
B171259-BSD1	B171259-BSD1	Pentafluorobenzene	0.06			N	
B171259-BSD1	B171259-BSD1	Sec-Butylbenzene	0.0244			N	
B171259-BSD1	B171259-BSD1	Styrene	0.0234			N	
B171259-BSD1	B171259-BSD1	T-Butylbenzene	0.0235			N	
B171259-BSD1	B171259-BSD1	Tert-Butyl Alcohol	0.109			N	
B171259-BSD1	B171259-BSD1	Tert-Butyl Methyl Ether	0.0153			N	
B171259-BSD1	B171259-BSD1	Tetrachloroethylene (PCE)	0.0257			N	
B171259-BSD1	B171259-BSD1	Tetrahydrofuran	0.0228			N	
B171259-BSD1	B171259-BSD1	Toluene	0.0233			N	
B171259-BSD1	B171259-BSD1	Toluene-D8	99.6			N	
B171259-BSD1	B171259-BSD1	Trans-1,2-Dichloroethene	0.0259			N	
B171259-BSD1	B171259-BSD1	Trans-1,3-Dichloropropene	0.0199			N	
B171259-BSD1	B171259-BSD1	Trans-1,4-Dichloro-2-Butene	0.0215			N	
B171259-BSD1	B171259-BSD1	Trichloroethylene (TCE)	0.0237			N	
B171259-BSD1	B171259-BSD1	Trichlorofluoromethane	0.0244			N	
B171259-BSD1	B171259-BSD1	Vinyl Chloride	0.0191			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,1,2-Tetrachloroethane	0.0293			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,1-Trichloroethane	0.0256			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,2,2-Tetrachloroethane	0.025			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0249			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,2-Trichloroethane	0.027			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1-Dichloroethane	0.0264			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1-Dichloroethene	0.0263			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1-Dichloropropene	0.0241			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2,3-Trichlorobenzene	0.0242			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2,3-Trichloropropane	0.0268			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2,4-Trichlorobenzene	0.0217			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2,4-Trimethylbenzene	0.0267			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dibromo-3-Chloropropane	0.0292			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0274			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dichlorobenzene	0.0284			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dichloroethane	0.0309			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dichloroethane-D4	97.6			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dichloropropane	0.0268			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,3,5-Trichlorobenzene	0.0245			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,3,5-Trimethylbenzene (Mesitylene)	0.027			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,3-Dichlorobenzene	0.0281			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	1,3-Dichloropropane	0.0259			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	1,4-Dichlorobenzene	0.0265			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	1,4-Dichlorobenzene-D4	0.0727			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	1,4-Difluorobenzene	0.0727			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	1,4-Dioxane (P-Dioxane)	0.285			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	2,2-Dichloropropane	0.0197			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	2-Chlorotoluene	0.028			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	2-Hexanone	0.327			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	2-Methoxy-2-Methylbutane	0.0215			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	2-Chlorotoluene	0.0258			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Acetone	0.327			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Acrylonitrile	0.0256			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Benzene	0.0249			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Bromobenzene	0.0247			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Bromochloromethane	0.0339			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Bromodichloromethane	0.0283			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Bromoform	0.0319			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Bromomethane	0.0205			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Carbon Disulfide	0.0243			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Carbon Tetrachloride	0.0244			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Chlorobenzene	0.0279			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Chlorobenzene-D5	0.0727			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Chloroethane		U		N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Chloroform	0.0252			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Chloromethane	0.0248			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Cis-1,2-Dichloroethylene	0.0241			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Cis-1,3-Dichloropropene	0.0229			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Cyclohexane	0.0253			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Cymene	0.0278			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Dibromochloromethane	0.0301			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Dibromomethane	0.0276			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Dichlorodifluoromethane		U		N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Diethyl Ether (Ethyl Ether)	0.0265			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Ethyl Tert-Butyl Ether	0.0242			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Ethylbenzene	0.0273			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Hexachlorobutadiene	0.0267			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Isopropyl Ether	0.0278			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Isopropylbenzene (Cumene)	0.0294			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	m,p-Xylene	0.055			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Methyl Acetate	0.0544			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Methyl Ethyl Ketone (2-Butanone)	0.299			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.319			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Methylcyclohexane	0.0248			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Methylene Chloride	0.0328			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Naphthalene	0.0241			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	N-Butylbenzene	0.0263			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	N-Propylbenzene	0.0267			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	O-Xylene (1,2-Dimethylbenzene)	0.0272			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	p-Bromofluorobenzene	93.8			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Pentafluorobenzene	0.0727			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Sec-Butylbenzene	0.0281			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Styrene	0.0266			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	T-Butylbenzene	0.0279			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Tert-Butyl Alcohol	0.139			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Tert-Butyl Methyl Ether	0.0202			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Tetrachloroethylene (PCE)	0.0289			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Tetrahydrofuran	0.0297			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Toluene	0.0274			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Toluene-D8	99.4			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Trans-1,2-Dichloroethene	0.0308			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Trans-1,3-Dichloropropene	0.023			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Trans-1,4-Dichloro-2-Butene	0.0254			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Trichloroethylene (TCE)	0.0296			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Trichlorofluoromethane	0.0288			N	
LW-03/MS/MSD-COMP-4 B171259-MS1	B171259-MS1	Vinyl Chloride	0.0227			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,1,2-Tetrachloroethane	0.03			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,1-Trichloroethane	0.0261			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,2,2-Tetrachloroethane	0.0278			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,2-Trichloro-1,1,2,2-Trifluoroethane	0.0262			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,2-Trichloroethane	0.0294			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1-Dichloroethane	0.0271			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1-Dichloroethene	0.0274			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1-Dichloropropene	0.0253			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2,3-Trichlorobenzene	0.0265			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2,3-Trichloropropane	0.0291			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2,4-Trichlorobenzene	0.0244			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2,4-Trimethylbenzene	0.0286			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dibromo-3-Chloropropane	0.0333			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dibromoethane (Ethylene Dibromide)	0.0289			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dichlorobenzene	0.0309			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dichloroethane	0.0317			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dichloroethane-D4	100			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dichloropropane	0.0277			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,3,5-Trichlorobenzene	0.0273			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,3,5-Trimethylbenzene (Mesitylene)	0.0292			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,3-Dichlorobenzene	0.0304			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,3-Dichloropropane	0.0265			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,4-Dichlorobenzene	0.0294			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,4-Dichlorobenzene-D4	0.0741			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,4-Difluorobenzene	0.0741			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,4-Dioxane (P-Dioxane)	0.327			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		2,2-Dichloropropane	0.0201			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		2-Chlorotoluene	0.0293			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		2-Hexanone	0.355			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		2-Methoxy-2-Methylbutane	0.0219			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		4-Chlorotoluene	0.0277			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Acetone	0.349			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Acrylonitrile	0.0287			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Benzene	0.0254			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromobenzene	0.0266			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromochloromethane	0.0357			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromodichloromethane	0.0286			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromoform	0.033			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromomethane	0.0205			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Carbon Disulfide	0.0253			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Carbon Tetrachloride	0.0249			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chlorobenzene	0.0289			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chlorobenzene-D5	0.0741			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chloroethane		U		N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chloroform	0.0258			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chloromethane	0.0255			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Cis-1,2-Dichloroethylene	0.0243			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Cis-1,3-Dichloropropene	0.0237			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Cyclohexane	0.0255			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Cymene	0.0296			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Dibromochloromethane	0.033			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Dibromomethane	0.0293			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Dichlorodifluoromethane	0.0251			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Diethyl Ether (Ethyl Ether)	0.027			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Ethyl Tert-Butyl Ether	0.0245			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Ethylbenzene	0.0285			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Hexachlorobutadiene	0.0285			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Isopropyl Ether	0.0286			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Isopropylbenzene (Cumene)	0.0306			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		m,p-Xylene	0.0566			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methyl Acetate	0.0566			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methyl Ethyl Ketone (2-Butanone)	0.332			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.352			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methylcyclohexane	0.0248			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methylene Chloride	0.0329			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171259-MSD1	Naphthalene	0.0274			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	N-Butylbenzene	0.0287			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	N-Propylbenzene	0.0288			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	O-Xylene (1,2-Dimethylbenzene)	0.0281			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	p-Bromofluorobenzene	92.8			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Pentafluorobenzene	0.0741			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Sec-Butylbenzene	0.0302			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Styrene	0.0283			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	T-Butylbenzene	0.0296			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Tert-Butyl Alcohol	0.15			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Tert-Butyl Methyl Ether	0.0192			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Tetrachloroethylene (PCE)	0.0308			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Tetrahydrofuran	0.0302			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Toluene	0.0278			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Toluene-D8	99.6			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trans-1,2-Dichloroethene	0.0293			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trans-1,3-Dichloropropene	0.025			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trans-1,4-Dichloro-2-Butene	0.028			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trichloroethylene (TCE)	0.0285			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trichlorofluoromethane	0.0295			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Vinyl Chloride	0.0225			N	
B171280-BLK1	B171280-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	90.5			N	
B171280-BLK1	B171280-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	95.7			N	
B171280-BLK1	B171280-BLK1	Decachlorobiphenyl (PCB 209)	66.7			N	
B171280-BLK1	B171280-BLK1	Decachlorobiphenyl (PCB 209)	68.6			N	
B171280-BLK1	B171280-BLK1	PCB-1016 (Aroclor 1016)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1016 (Aroclor 1016)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1221 (Aroclor 1221)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1221 (Aroclor 1221)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1232 (Aroclor 1232)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1232 (Aroclor 1232)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1242 (Aroclor 1242)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1242 (Aroclor 1242)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1248 (Aroclor 1248)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1248 (Aroclor 1248)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1254 (Aroclor 1254)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1254 (Aroclor 1254)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1260 (Aroclor 1260)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1260 (Aroclor 1260)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1262 (Aroclor 1262)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1262 (Aroclor 1262)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1268 (Aroclor 1268)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1268 (Aroclor 1268)		U		N	
B171280-BS1	B171280-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	79.3			N	
B171280-BS1	B171280-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	84			N	
B171280-BS1	B171280-BS1	Decachlorobiphenyl (PCB 209)	73.9			N	
B171280-BS1	B171280-BS1	Decachlorobiphenyl (PCB 209)	76.9			N	
B171280-BS1	B171280-BS1	PCB-1016 (Aroclor 1016)	0.44			N	
B171280-BS1	B171280-BS1	PCB-1016 (Aroclor 1016)	0.42			N	
B171280-BS1	B171280-BS1	PCB-1260 (Aroclor 1260)	0.41			N	
B171280-BS1	B171280-BS1	PCB-1260 (Aroclor 1260)	0.4			N	
B171280-BSD1	B171280-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	68.6			N	
B171280-BSD1	B171280-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	73.7			N	
B171280-BSD1	B171280-BSD1	Decachlorobiphenyl (PCB 209)	75.7			N	
B171280-BSD1	B171280-BSD1	Decachlorobiphenyl (PCB 209)	79.7			N	
B171280-BSD1	B171280-BSD1	PCB-1016 (Aroclor 1016)	0.44			N	
B171280-BSD1	B171280-BSD1	PCB-1016 (Aroclor 1016)	0.41			N	
B171280-BSD1	B171280-BSD1	PCB-1260 (Aroclor 1260)	0.39			N	
B171280-BSD1	B171280-BSD1	PCB-1260 (Aroclor 1260)	0.39			N	
B171285-BLK1	B171285-BLK1	Arsenic		U		N	
B171285-BLK1	B171285-BLK1	Barium		U		N	
B171285-BLK1	B171285-BLK1	Cadmium		U		N	
B171285-BLK1	B171285-BLK1	Chromium, Total		U		N	
B171285-BLK1	B171285-BLK1	Lead		U		N	
B171285-BLK1	B171285-BLK1	Selenium		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171285-BLK1	B171285-BLK1	Silver		U		N	
B171285-BS1	B171285-BS1	Arsenic	0.549			N	
B171285-BS1	B171285-BS1	Barium	0.492			N	
B171285-BS1	B171285-BS1	Cadmium	0.494			N	
B171285-BS1	B171285-BS1	Chromium, Total	0.495			N	
B171285-BS1	B171285-BS1	Lead	0.469			N	
B171285-BS1	B171285-BS1	Selenium	0.558			N	
B171285-BS1	B171285-BS1	Silver	0.499			N	
B171285-BSD1	B171285-BSD1	Arsenic	0.552			N	
B171285-BSD1	B171285-BSD1	Barium	0.515			N	
B171285-BSD1	B171285-BSD1	Cadmium	0.517			N	
B171285-BSD1	B171285-BSD1	Chromium, Total	0.519			N	
B171285-BSD1	B171285-BSD1	Lead	0.479			N	
B171285-BSD1	B171285-BSD1	Selenium	0.55			N	
B171285-BSD1	B171285-BSD1	Silver	0.511			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Arsenic	0.568			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Barium	0.826			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Cadmium	0.513			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Chromium, Total	0.502			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Lead	0.931			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Selenium	0.516			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Silver	0.394			N	
B171286-BLK1	B171286-BLK1	Arsenic		U		N	
B171286-BLK1	B171286-BLK1	Barium		U		N	
B171286-BLK1	B171286-BLK1	Cadmium		U		N	
B171286-BLK1	B171286-BLK1	Chromium, Total		U		N	
B171286-BLK1	B171286-BLK1	Lead		U		N	
B171286-BLK1	B171286-BLK1	Selenium		U		N	
B171286-BLK1	B171286-BLK1	Silver		U		N	
B171286-BS1	B171286-BS1	Arsenic	267	D		N	
B171286-BS1	B171286-BS1	Barium	268	D		N	
B171286-BS1	B171286-BS1	Cadmium	263	D		N	
B171286-BS1	B171286-BS1	Chromium, Total	263	D		N	
B171286-BS1	B171286-BS1	Lead	271	D		N	
B171286-BS1	B171286-BS1	Selenium	264	D		N	
B171286-BS1	B171286-BS1	Silver	250	D		N	
B171286-BSD1	B171286-BSD1	Arsenic	271	D		N	
B171286-BSD1	B171286-BSD1	Barium	270	D		N	
B171286-BSD1	B171286-BSD1	Cadmium	268	D		N	
B171286-BSD1	B171286-BSD1	Chromium, Total	264	D		N	
B171286-BSD1	B171286-BSD1	Lead	271	D		N	
B171286-BSD1	B171286-BSD1	Selenium	268	D		N	
B171286-BSD1	B171286-BSD1	Silver	252	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Arsenic	272	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Barium	489	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Cadmium	261	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Chromium, Total	263	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Lead	320	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Selenium	266	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Silver	230	D		N	
B171288-BLK1	B171288-BLK1	Mercury		U		N	
B171288-BS1	B171288-BS1	Mercury	0.00222			N	
B171288-BSD1	B171288-BSD1	Mercury	0.00211			N	
LW-05-COMP1-0-6'MS1	B171288-MS1	Mercury	0.00228			N	
B171289-BLK1	B171289-BLK1	Mercury		U		N	
B171289-BS1	B171289-BS1	Mercury	0.00216			N	
B171289-BSD1	B171289-BSD1	Mercury	0.00217			N	
LW-05-COMP1-0-6'MS1	B171289-MS1	Mercury	0.0022			N	
B171344-BLK1	B171344-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	71			N	
B171344-BLK1	B171344-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	67.4			N	
B171344-BLK1	B171344-BLK1	Alachlor		U		N	
B171344-BLK1	B171344-BLK1	Alachlor		U		N	
B171344-BLK1	B171344-BLK1	Aldrin		U		N	
B171344-BLK1	B171344-BLK1	Aldrin		U		N	
B171344-BLK1	B171344-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171344-BLK1	B171344-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Alpha Endosulfan		U		N	
B171344-BLK1	B171344-BLK1	Alpha Endosulfan		U		N	
B171344-BLK1	B171344-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Beta Endosulfan		U		N	
B171344-BLK1	B171344-BLK1	Beta Endosulfan		U		N	
B171344-BLK1	B171344-BLK1	Chlordane		U		N	
B171344-BLK1	B171344-BLK1	Chlordane		U		N	
B171344-BLK1	B171344-BLK1	cis-Chlordane		U		N	
B171344-BLK1	B171344-BLK1	cis-Chlordane		U		N	
B171344-BLK1	B171344-BLK1	Decachlorobiphenyl (PCB 209)	76.9			N	
B171344-BLK1	B171344-BLK1	Decachlorobiphenyl (PCB 209)	74.6			N	
B171344-BLK1	B171344-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Dieldrin		U		N	
B171344-BLK1	B171344-BLK1	Dieldrin		U		N	
B171344-BLK1	B171344-BLK1	Endosulfan Sulfate		U		N	
B171344-BLK1	B171344-BLK1	Endosulfan Sulfate		U		N	
B171344-BLK1	B171344-BLK1	Endrin		U		N	
B171344-BLK1	B171344-BLK1	Endrin		U		N	
B171344-BLK1	B171344-BLK1	Endrin Aldehyde		U		N	
B171344-BLK1	B171344-BLK1	Endrin Aldehyde		U		N	
B171344-BLK1	B171344-BLK1	Endrin Ketone		U		N	
B171344-BLK1	B171344-BLK1	Endrin Ketone		U		N	
B171344-BLK1	B171344-BLK1	Gamma Bhc (Lindane)		U		N	
B171344-BLK1	B171344-BLK1	Gamma Bhc (Lindane)		U		N	
B171344-BLK1	B171344-BLK1	Heptachlor		U		N	
B171344-BLK1	B171344-BLK1	Heptachlor		U		N	
B171344-BLK1	B171344-BLK1	Heptachlor Epoxide		U		N	
B171344-BLK1	B171344-BLK1	Heptachlor Epoxide		U		N	
B171344-BLK1	B171344-BLK1	Hexachlorobenzene		U		N	
B171344-BLK1	B171344-BLK1	Hexachlorobenzene		U		N	
B171344-BLK1	B171344-BLK1	Methoxychlor		U		N	
B171344-BLK1	B171344-BLK1	Methoxychlor		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDD		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDD		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDE		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDE		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDT		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDT		U		N	
B171344-BLK1	B171344-BLK1	Toxaphene		U		N	
B171344-BLK1	B171344-BLK1	Toxaphene		U		N	
B171344-BLK1	B171344-BLK1	trans-Chlordane		U		N	
B171344-BLK1	B171344-BLK1	trans-Chlordane		U		N	
B171344-BS1	B171344-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	77.5			N	
B171344-BS1	B171344-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	71.4			N	
B171344-BS1	B171344-BS1	Alachlor	0.98			N	
B171344-BS1	B171344-BS1	Alachlor	0.96			N	
B171344-BS1	B171344-BS1	Aldrin	0.84			N	
B171344-BS1	B171344-BS1	Aldrin	0.76			N	
B171344-BS1	B171344-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.85			N	
B171344-BS1	B171344-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.79			N	
B171344-BS1	B171344-BS1	Alpha Endosulfan	0.83			N	
B171344-BS1	B171344-BS1	Alpha Endosulfan	0.83			N	
B171344-BS1	B171344-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.84			N	
B171344-BS1	B171344-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.79			N	
B171344-BS1	B171344-BS1	Beta Endosulfan	0.85			N	
B171344-BS1	B171344-BS1	Beta Endosulfan	0.85			N	
B171344-BS1	B171344-BS1	Decachlorobiphenyl (PCB 209)	87.1			N	
B171344-BS1	B171344-BS1	Decachlorobiphenyl (PCB 209)	84.2			N	
B171344-BS1	B171344-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.88			N	
B171344-BS1	B171344-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.79			N	
B171344-BS1	B171344-BS1	Dieldrin	0.86			N	
B171344-BS1	B171344-BS1	Dieldrin	0.81			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171344-BS1	B171344-BS1	Endosulfan Sulfate	0.89			N	
B171344-BS1	B171344-BS1	Endosulfan Sulfate	0.86			N	
B171344-BS1	B171344-BS1	Endrin	0.86			N	
B171344-BS1	B171344-BS1	Endrin	0.84			N	
B171344-BS1	B171344-BS1	Endrin Aldehyde	0.88			N	
B171344-BS1	B171344-BS1	Endrin Aldehyde	0.88			N	
B171344-BS1	B171344-BS1	Endrin Ketone	0.91			N	
B171344-BS1	B171344-BS1	Endrin Ketone	0.89			N	
B171344-BS1	B171344-BS1	Gamma Bhc (Lindane)	0.91			N	
B171344-BS1	B171344-BS1	Gamma Bhc (Lindane)	0.8			N	
B171344-BS1	B171344-BS1	Heptachlor	0.82			N	
B171344-BS1	B171344-BS1	Heptachlor	0.79			N	
B171344-BS1	B171344-BS1	Heptachlor Epoxide	0.85			N	
B171344-BS1	B171344-BS1	Heptachlor Epoxide	0.82			N	
B171344-BS1	B171344-BS1	Hexachlorobenzene	0.78			N	
B171344-BS1	B171344-BS1	Hexachlorobenzene	0.72			N	
B171344-BS1	B171344-BS1	Methoxychlor	0.87			N	
B171344-BS1	B171344-BS1	Methoxychlor	0.87			N	
B171344-BS1	B171344-BS1	P,P'-DDD	0.94			N	
B171344-BS1	B171344-BS1	P,P'-DDD	0.87			N	
B171344-BS1	B171344-BS1	P,P'-DDE	0.91			N	
B171344-BS1	B171344-BS1	P,P'-DDE	0.86			N	
B171344-BS1	B171344-BS1	P,P'-DDT	0.94			N	
B171344-BS1	B171344-BS1	P,P'-DDT	0.88			N	
B171344-BSD1	B171344-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	75.4			N	
B171344-BSD1	B171344-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	70.9			N	
B171344-BSD1	B171344-BSD1	Alachlor	1			N	
B171344-BSD1	B171344-BSD1	Alachlor	1			N	
B171344-BSD1	B171344-BSD1	Aldrin	0.84			N	
B171344-BSD1	B171344-BSD1	Aldrin	0.77			N	
B171344-BSD1	B171344-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.9			N	
B171344-BSD1	B171344-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.84			N	
B171344-BSD1	B171344-BSD1	Alpha Endosulfan	0.87			N	
B171344-BSD1	B171344-BSD1	Alpha Endosulfan	0.87			N	
B171344-BSD1	B171344-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.88			N	
B171344-BSD1	B171344-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.84			N	
B171344-BSD1	B171344-BSD1	Beta Endosulfan	0.89			N	
B171344-BSD1	B171344-BSD1	Beta Endosulfan	0.89			N	
B171344-BSD1	B171344-BSD1	Decachlorobiphenyl (PCB 209)	85.5			N	
B171344-BSD1	B171344-BSD1	Decachlorobiphenyl (PCB 209)	83.3			N	
B171344-BSD1	B171344-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.92			N	
B171344-BSD1	B171344-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.85			N	
B171344-BSD1	B171344-BSD1	Dieldrin	0.9			N	
B171344-BSD1	B171344-BSD1	Dieldrin	0.84			N	
B171344-BSD1	B171344-BSD1	Endosulfan Sulfate	0.93			N	
B171344-BSD1	B171344-BSD1	Endosulfan Sulfate	0.9			N	
B171344-BSD1	B171344-BSD1	Endrin	0.91			N	
B171344-BSD1	B171344-BSD1	Endrin	0.88			N	
B171344-BSD1	B171344-BSD1	Endrin Aldehyde	0.92			N	
B171344-BSD1	B171344-BSD1	Endrin Aldehyde	0.92			N	
B171344-BSD1	B171344-BSD1	Endrin Ketone	0.95			N	
B171344-BSD1	B171344-BSD1	Endrin Ketone	0.94			N	
B171344-BSD1	B171344-BSD1	Gamma Bhc (Lindane)	0.96			N	
B171344-BSD1	B171344-BSD1	Gamma Bhc (Lindane)	0.85			N	
B171344-BSD1	B171344-BSD1	Heptachlor	0.83			N	
B171344-BSD1	B171344-BSD1	Heptachlor	0.81			N	
B171344-BSD1	B171344-BSD1	Heptachlor Epoxide	0.89			N	
B171344-BSD1	B171344-BSD1	Heptachlor Epoxide	0.86			N	
B171344-BSD1	B171344-BSD1	Hexachlorobenzene	0.8			N	
B171344-BSD1	B171344-BSD1	Hexachlorobenzene	0.75			N	
B171344-BSD1	B171344-BSD1	Methoxychlor	0.91			N	
B171344-BSD1	B171344-BSD1	Methoxychlor	0.92			N	
B171344-BSD1	B171344-BSD1	P,P'-DDD	0.99			N	
B171344-BSD1	B171344-BSD1	P,P'-DDD	0.92			N	
B171344-BSD1	B171344-BSD1	P,P'-DDE	0.94			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171344-BSD1	B171344-BSD1	P,P'-DDE	0.89			N	
B171344-BSD1	B171344-BSD1	P,P'-DDT	0.99			N	
B171344-BSD1	B171344-BSD1	P,P'-DDT	0.92			N	
B171377-BLK1	B171377-BLK1	Mercury		U		N	
B171377-BS1	B171377-BS1	Mercury	9.96	D		N	
B171377-BSD1	B171377-BSD1	Mercury	7.38	D		N	
LW-03/MS/MSD-COMP-4	B171377-DUP1	Mercury	0.135			N	
LW-03/MS/MSD-COMP-4	B171377-MS1	Mercury	0.23			N	
LW-03/MS/MSD-COMP-4	B171377-MSD1	Mercury	0.244			N	
B171392-BLK1	B171392-BLK1	1,1,1,2-Tetrachloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1,1-Trichloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1,2,2-Tetrachloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1,2-Trichloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1-Dichloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1-Dichloroethene		U		N	
B171392-BLK1	B171392-BLK1	1,1-Dichloropropene		U		N	
B171392-BLK1	B171392-BLK1	1,2,3-Trichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,2,3-Trichloropropane		U		N	
B171392-BLK1	B171392-BLK1	1,2,4-Trichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,2,4-Trimethylbenzene		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dibromo-3-Chloropropane		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dichloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dichloroethane-D4	99.3			N	
B171392-BLK1	B171392-BLK1	1,2-Dichloropropane		U		N	
B171392-BLK1	B171392-BLK1	1,3,5-Trichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
B171392-BLK1	B171392-BLK1	1,3-Dichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,3-Dichloropropane		U		N	
B171392-BLK1	B171392-BLK1	1,4-Dichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,4-Dichlorobenzene-D4	30			N	
B171392-BLK1	B171392-BLK1	1,4-Difluorobenzene	30			N	
B171392-BLK1	B171392-BLK1	1,4-Dioxane (P-Dioxane)		U		N	
B171392-BLK1	B171392-BLK1	2,2-Dichloropropane		U		N	
B171392-BLK1	B171392-BLK1	2-Chlorotoluene		U		N	
B171392-BLK1	B171392-BLK1	2-Hexanone		U		N	
B171392-BLK1	B171392-BLK1	2-Methoxy-2-Methylbutane		U		N	
B171392-BLK1	B171392-BLK1	4-Chlorotoluene		U		N	
B171392-BLK1	B171392-BLK1	Acetone		U		N	
B171392-BLK1	B171392-BLK1	Acrylonitrile		U		N	
B171392-BLK1	B171392-BLK1	Benzene		U		N	
B171392-BLK1	B171392-BLK1	Bromobenzene		U		N	
B171392-BLK1	B171392-BLK1	Bromochloromethane		U		N	
B171392-BLK1	B171392-BLK1	Bromodichloromethane		U		N	
B171392-BLK1	B171392-BLK1	Bromoform		U		N	
B171392-BLK1	B171392-BLK1	Bromomethane		U		N	
B171392-BLK1	B171392-BLK1	Carbon Disulfide		U		N	
B171392-BLK1	B171392-BLK1	Carbon Tetrachloride		U		N	
B171392-BLK1	B171392-BLK1	Chlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	Chlorobenzene-D5	30			N	
B171392-BLK1	B171392-BLK1	Chloroethane		U		N	
B171392-BLK1	B171392-BLK1	Chloroform		U		N	
B171392-BLK1	B171392-BLK1	Chloromethane		U		N	
B171392-BLK1	B171392-BLK1	Cis-1,2-Dichloroethylene		U		N	
B171392-BLK1	B171392-BLK1	Cis-1,3-Dichloropropene		U		N	
B171392-BLK1	B171392-BLK1	Cyclohexane		U		N	
B171392-BLK1	B171392-BLK1	Cymene		U		N	
B171392-BLK1	B171392-BLK1	Dibromochloromethane		U		N	
B171392-BLK1	B171392-BLK1	Dibromomethane		U		N	
B171392-BLK1	B171392-BLK1	Dichlorodifluoromethane		U		N	
B171392-BLK1	B171392-BLK1	Diethyl Ether (Ethyl Ether)		U		N	
B171392-BLK1	B171392-BLK1	Ethyl Tert-Butyl Ether		U		N	
B171392-BLK1	B171392-BLK1	Ethylbenzene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171392-BLK1	B171392-BLK1	Hexachlorobutadiene		U		N	
B171392-BLK1	B171392-BLK1	Isopropyl Ether		U		N	
B171392-BLK1	B171392-BLK1	Isopropylbenzene (Cumene)		U		N	
B171392-BLK1	B171392-BLK1	m,p-Xylene		U		N	
B171392-BLK1	B171392-BLK1	Methyl Acetate		U		N	
B171392-BLK1	B171392-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		N	
B171392-BLK1	B171392-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
B171392-BLK1	B171392-BLK1	Methylcyclohexane		U		N	
B171392-BLK1	B171392-BLK1	Methylene Chloride		U		N	
B171392-BLK1	B171392-BLK1	Naphthalene		U		N	
B171392-BLK1	B171392-BLK1	N-Butylbenzene		U		N	
B171392-BLK1	B171392-BLK1	N-Propylbenzene		U		N	
B171392-BLK1	B171392-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		N	
B171392-BLK1	B171392-BLK1	p-Bromofluorobenzene	94.6			N	
B171392-BLK1	B171392-BLK1	Pentafluorobenzene	30			N	
B171392-BLK1	B171392-BLK1	Sec-Butylbenzene		U		N	
B171392-BLK1	B171392-BLK1	Styrene		U		N	
B171392-BLK1	B171392-BLK1	T-Butylbenzene		U		N	
B171392-BLK1	B171392-BLK1	Tert-Butyl Alcohol		U		N	
B171392-BLK1	B171392-BLK1	Tert-Butyl Methyl Ether		U		N	
B171392-BLK1	B171392-BLK1	Tetrachloroethylene (PCE)		U		N	
B171392-BLK1	B171392-BLK1	Tetrahydrofuran		U		N	
B171392-BLK1	B171392-BLK1	Toluene		U		N	
B171392-BLK1	B171392-BLK1	Toluene-D8	100			N	
B171392-BLK1	B171392-BLK1	Trans-1,2-Dichloroethene		U		N	
B171392-BLK1	B171392-BLK1	Trans-1,3-Dichloropropene		U		N	
B171392-BLK1	B171392-BLK1	Trans-1,4-Dichloro-2-Butene		U		N	
B171392-BLK1	B171392-BLK1	Trichloroethylene (TCE)		U		N	
B171392-BLK1	B171392-BLK1	Trichlorofluoromethane		U		N	
B171392-BLK1	B171392-BLK1	Vinyl Chloride		U		N	
B171392-BS1	B171392-BS1	1,1,1,2-Tetrachloroethane	10.8			N	
B171392-BS1	B171392-BS1	1,1,1-Trichloroethane	10.1			N	
B171392-BS1	B171392-BS1	1,1,2,2-Tetrachloroethane	10.9			N	
B171392-BS1	B171392-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	13.3			N	
B171392-BS1	B171392-BS1	1,1,2-Trichloroethane	11.6			N	
B171392-BS1	B171392-BS1	1,1-Dichloroethane	10.4			N	
B171392-BS1	B171392-BS1	1,1-Dichloroethene	12.4			N	
B171392-BS1	B171392-BS1	1,1-Dichloropropene	10.3			N	
B171392-BS1	B171392-BS1	1,2,3-Trichlorobenzene	11.2			N	
B171392-BS1	B171392-BS1	1,2,3-Trichloropropane	10.4			N	
B171392-BS1	B171392-BS1	1,2,4-Trichlorobenzene	11.8			N	
B171392-BS1	B171392-BS1	1,2,4-Trimethylbenzene	10.8			N	
B171392-BS1	B171392-BS1	1,2-Dibromo-3-Chloropropane	9.08			N	
B171392-BS1	B171392-BS1	1,2-Dibromoethane (Ethylene Dibromide)	11			N	
B171392-BS1	B171392-BS1	1,2-Dichlorobenzene	11.2			N	
B171392-BS1	B171392-BS1	1,2-Dichloroethane	9.32			N	
B171392-BS1	B171392-BS1	1,2-Dichloroethane-D4	98.6			N	
B171392-BS1	B171392-BS1	1,2-Dichloropropane	9.28			N	
B171392-BS1	B171392-BS1	1,3,5-Trichlorobenzene	10.8			N	
B171392-BS1	B171392-BS1	1,3,5-Trimethylbenzene (Mesitylene)	10.4			N	
B171392-BS1	B171392-BS1	1,3-Dichlorobenzene	10.9			N	
B171392-BS1	B171392-BS1	1,3-Dichloropropane	10.4			N	
B171392-BS1	B171392-BS1	1,4-Dichlorobenzene	10.9			N	
B171392-BS1	B171392-BS1	1,4-Dichlorobenzene-D4	30			N	
B171392-BS1	B171392-BS1	1,4-Difluorobenzene	30			N	
B171392-BS1	B171392-BS1	1,4-Dioxane (P-Dioxane)	111			N	
B171392-BS1	B171392-BS1	2,2-Dichloropropane	9.91			N	
B171392-BS1	B171392-BS1	2-Chlorotoluene	9.4			N	
B171392-BS1	B171392-BS1	2-Hexanone	88.7			N	
B171392-BS1	B171392-BS1	2-Methoxy-2-Methylbutane	9.52			N	
B171392-BS1	B171392-BS1	4-Chlorotoluene	10.1			N	
B171392-BS1	B171392-BS1	Acetone	102			N	
B171392-BS1	B171392-BS1	Acrylonitrile	13.7			N	
B171392-BS1	B171392-BS1	Benzene	10.8			N	
B171392-BS1	B171392-BS1	Bromobenzene	10.2			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171392-BS1	B171392-BS1	Bromochloromethane	10.8			N	
B171392-BS1	B171392-BS1	Bromodichloromethane	10.7			N	
B171392-BS1	B171392-BS1	Bromoform	10.2			N	
B171392-BS1	B171392-BS1	Bromomethane	4.51			N	
B171392-BS1	B171392-BS1	Carbon Disulfide	14.2			N	
B171392-BS1	B171392-BS1	Carbon Tetrachloride	10.4			N	
B171392-BS1	B171392-BS1	Chlorobenzene	11			N	
B171392-BS1	B171392-BS1	Chlorobenzene-D5	30			N	
B171392-BS1	B171392-BS1	Chloroethane	10.2			N	
B171392-BS1	B171392-BS1	Chloroform	9.71			N	
B171392-BS1	B171392-BS1	Chloromethane	2.87			N	
B171392-BS1	B171392-BS1	Cis-1,2-Dichloroethylene	9.61			N	
B171392-BS1	B171392-BS1	Cis-1,3-Dichloropropene	9.77			N	
B171392-BS1	B171392-BS1	Cyclohexane	10.1			N	
B171392-BS1	B171392-BS1	Cymene	10.9			N	
B171392-BS1	B171392-BS1	Dibromochloromethane	11.5			N	
B171392-BS1	B171392-BS1	Dibromomethane	10.7			N	
B171392-BS1	B171392-BS1	Dichlorodifluoromethane	8.3			N	
B171392-BS1	B171392-BS1	Diethyl Ether (Ethyl Ether)	11.4			N	
B171392-BS1	B171392-BS1	Ethyl Tert-Butyl Ether	9.46			N	
B171392-BS1	B171392-BS1	Ethylbenzene	10.5			N	
B171392-BS1	B171392-BS1	Hexachlorobutadiene	11.2			N	
B171392-BS1	B171392-BS1	Isopropyl Ether	8.64			N	
B171392-BS1	B171392-BS1	Isopropylbenzene (Cumene)	10.9			N	
B171392-BS1	B171392-BS1	m,p-Xylene	20.2			N	
B171392-BS1	B171392-BS1	Methyl Acetate	10.1			N	
B171392-BS1	B171392-BS1	Methyl Ethyl Ketone (2-Butanone)	93.4			N	
B171392-BS1	B171392-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	86.2			N	
B171392-BS1	B171392-BS1	Methylcyclohexane	10.4			N	
B171392-BS1	B171392-BS1	Methylene Chloride	12.4			N	
B171392-BS1	B171392-BS1	Naphthalene	11.2			N	
B171392-BS1	B171392-BS1	N-Butylbenzene	11.6			N	
B171392-BS1	B171392-BS1	N-Propylbenzene	10.8			N	
B171392-BS1	B171392-BS1	O-Xylene (1,2-Dimethylbenzene)	10.2			N	
B171392-BS1	B171392-BS1	p-Bromofluorobenzene	95.4			N	
B171392-BS1	B171392-BS1	Pentafluorobenzene	30			N	
B171392-BS1	B171392-BS1	Sec-Butylbenzene	11			N	
B171392-BS1	B171392-BS1	Styrene	10.3			N	
B171392-BS1	B171392-BS1	T-Butylbenzene	10.5			N	
B171392-BS1	B171392-BS1	Tert-Butyl Alcohol	130			N	
B171392-BS1	B171392-BS1	Tert-Butyl Methyl Ether	10.1			N	
B171392-BS1	B171392-BS1	Tetrachloroethylene (PCE)	10.4			N	
B171392-BS1	B171392-BS1	Tetrahydrofuran		U		N	
B171392-BS1	B171392-BS1	Toluene	10.4			N	
B171392-BS1	B171392-BS1	Toluene-D8	99.2			N	
B171392-BS1	B171392-BS1	Trans-1,2-Dichloroethene	11.2			N	
B171392-BS1	B171392-BS1	Trans-1,3-Dichloropropene	11.5			N	
B171392-BS1	B171392-BS1	Trans-1,4-Dichloro-2-Butene	12.1			N	
B171392-BS1	B171392-BS1	Trichloroethylene (TCE)	10.6			N	
B171392-BS1	B171392-BS1	Trichlorofluoromethane	10.8			N	
B171392-BS1	B171392-BS1	Vinyl Chloride	7.46			N	
B171392-BSD1	B171392-BSD1	1,1,1,2-Tetrachloroethane	10.7			N	
B171392-BSD1	B171392-BSD1	1,1,1-Trichloroethane	10.2			N	
B171392-BSD1	B171392-BSD1	1,1,2,2-Tetrachloroethane	10.4			N	
B171392-BSD1	B171392-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	13.3			N	
B171392-BSD1	B171392-BSD1	1,1,2-Trichloroethane	11.4			N	
B171392-BSD1	B171392-BSD1	1,1-Dichloroethane	10.2			N	
B171392-BSD1	B171392-BSD1	1,1-Dichloroethene	12			N	
B171392-BSD1	B171392-BSD1	1,1-Dichloropropene	10			N	
B171392-BSD1	B171392-BSD1	1,2,3-Trichlorobenzene	10.2			N	
B171392-BSD1	B171392-BSD1	1,2,3-Trichloropropane	10.1			N	
B171392-BSD1	B171392-BSD1	1,2,4-Trichlorobenzene	10.9			N	
B171392-BSD1	B171392-BSD1	1,2,4-Trimethylbenzene	10.5			N	
B171392-BSD1	B171392-BSD1	1,2-Dibromo-3-Chloropropane	9.59			N	
B171392-BSD1	B171392-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	10.9			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171392-BSD1	B171392-BSD1	1,2-Dichlorobenzene	10.9			N	
B171392-BSD1	B171392-BSD1	1,2-Dichloroethane	9.21			N	
B171392-BSD1	B171392-BSD1	1,2-Dichloroethane-D4	100			N	
B171392-BSD1	B171392-BSD1	1,2-Dichloropropane	9.01			N	
B171392-BSD1	B171392-BSD1	1,3,5-Trichlorobenzene	10.7			N	
B171392-BSD1	B171392-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	10			N	
B171392-BSD1	B171392-BSD1	1,3-Dichlorobenzene	10.7			N	
B171392-BSD1	B171392-BSD1	1,3-Dichloropropane	10.1			N	
B171392-BSD1	B171392-BSD1	1,4-Dichlorobenzene	10.5			N	
B171392-BSD1	B171392-BSD1	1,4-Dichlorobenzene-D4	30			N	
B171392-BSD1	B171392-BSD1	1,4-Difluorobenzene	30			N	
B171392-BSD1	B171392-BSD1	1,4-Dioxane (P-Dioxane)	125			N	
B171392-BSD1	B171392-BSD1	2,2-Dichloropropane	9.68			N	
B171392-BSD1	B171392-BSD1	2-Chlorotoluene	9.13			N	
B171392-BSD1	B171392-BSD1	2-Hexanone	85.8			N	
B171392-BSD1	B171392-BSD1	2-Methoxy-2-Methylbutane	9.37			N	
B171392-BSD1	B171392-BSD1	4-Chlorotoluene	9.63			N	
B171392-BSD1	B171392-BSD1	Acetone	99.3			N	
B171392-BSD1	B171392-BSD1	Acrylonitrile	13.2			N	
B171392-BSD1	B171392-BSD1	Benzene	10.6			N	
B171392-BSD1	B171392-BSD1	Bromobenzene	9.81			N	
B171392-BSD1	B171392-BSD1	Bromochloromethane	10.8			N	
B171392-BSD1	B171392-BSD1	Bromodichloromethane	10.2			N	
B171392-BSD1	B171392-BSD1	Bromoform	10			N	
B171392-BSD1	B171392-BSD1	Bromomethane	5.33			N	
B171392-BSD1	B171392-BSD1	Carbon Disulfide	12.9			N	
B171392-BSD1	B171392-BSD1	Carbon Tetrachloride	10.3			N	
B171392-BSD1	B171392-BSD1	Chlorobenzene	10.7			N	
B171392-BSD1	B171392-BSD1	Chlorobenzene-D5	30			N	
B171392-BSD1	B171392-BSD1	Chloroethane	10			N	
B171392-BSD1	B171392-BSD1	Chloroform	9.59			N	
B171392-BSD1	B171392-BSD1	Chloromethane	3.14			N	
B171392-BSD1	B171392-BSD1	Cis-1,2-Dichloroethylene	9.38			N	
B171392-BSD1	B171392-BSD1	Cis-1,3-Dichloropropene	9.61			N	
B171392-BSD1	B171392-BSD1	Cyclohexane	9.98			N	
B171392-BSD1	B171392-BSD1	Cymene	10.7			N	
B171392-BSD1	B171392-BSD1	Dibromochloromethane	11.5			N	
B171392-BSD1	B171392-BSD1	Dibromomethane	10.9			N	
B171392-BSD1	B171392-BSD1	Dichlorodifluoromethane	8.32			N	
B171392-BSD1	B171392-BSD1	Diethyl Ether (Ethyl Ether)	11.1			N	
B171392-BSD1	B171392-BSD1	Ethyl Tert-Butyl Ether	9.32			N	
B171392-BSD1	B171392-BSD1	Ethylbenzene	10.1			N	
B171392-BSD1	B171392-BSD1	Hexachlorobutadiene	10.7			N	
B171392-BSD1	B171392-BSD1	Isopropyl Ether	8.3			N	
B171392-BSD1	B171392-BSD1	Isopropylbenzene (Cumene)	10.7			N	
B171392-BSD1	B171392-BSD1	m,p-Xylene	19.5			N	
B171392-BSD1	B171392-BSD1	Methyl Acetate	10.4			N	
B171392-BSD1	B171392-BSD1	Methyl Ethyl Ketone (2-Butanone)	90.8			N	
B171392-BSD1	B171392-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	84.4			N	
B171392-BSD1	B171392-BSD1	Methylcyclohexane	10			N	
B171392-BSD1	B171392-BSD1	Methylene Chloride	12.2			N	
B171392-BSD1	B171392-BSD1	Naphthalene	10.4			N	
B171392-BSD1	B171392-BSD1	N-Butylbenzene	11.1			N	
B171392-BSD1	B171392-BSD1	N-Propylbenzene	10.3			N	
B171392-BSD1	B171392-BSD1	O-Xylene (1,2-Dimethylbenzene)	10.2			N	
B171392-BSD1	B171392-BSD1	p-Bromofluorobenzene	95.4			N	
B171392-BSD1	B171392-BSD1	Pentafluorobenzene	30			N	
B171392-BSD1	B171392-BSD1	Sec-Butylbenzene	10.8			N	
B171392-BSD1	B171392-BSD1	Styrene	10			N	
B171392-BSD1	B171392-BSD1	T-Butylbenzene	10.3			N	
B171392-BSD1	B171392-BSD1	Tert-Butyl Alcohol	120			N	
B171392-BSD1	B171392-BSD1	Tert-Butyl Methyl Ether	9.86			N	
B171392-BSD1	B171392-BSD1	Tetrachloroethylene (PCE)	10.2			N	
B171392-BSD1	B171392-BSD1	Tetrahydrofuran		U		N	
B171392-BSD1	B171392-BSD1	Toluene	9.9			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171392-BSD1	B171392-BSD1	Toluene-D8	99.4			N	
B171392-BSD1	B171392-BSD1	Trans-1,2-Dichloroethene	11			N	
B171392-BSD1	B171392-BSD1	Trans-1,3-Dichloropropene	11.2			N	
B171392-BSD1	B171392-BSD1	Trans-1,4-Dichloro-2-Butene	12.1			N	
B171392-BSD1	B171392-BSD1	Trichloroethylene (TCE)	10.6			N	
B171392-BSD1	B171392-BSD1	Trichlorofluoromethane	10.7			N	
B171392-BSD1	B171392-BSD1	Vinyl Chloride	7.7			N	
B171459-BLK1	B171459-BLK1	Antimony		U		N	
B171459-BLK1	B171459-BLK1	Barium		U		N	
B171459-BLK1	B171459-BLK1	Chromium, Total		U		N	
B171459-BLK1	B171459-BLK1	Lead		U		N	
B171459-BLK1	B171459-BLK1	Sodium		U		N	
B171459-BLK1	B171459-BLK1	Zinc		U		N	
B171459-BS1	B171459-BS1	Antimony	150			N	
B171459-BS1	B171459-BS1	Barium	97.6			N	
B171459-BS1	B171459-BS1	Chromium, Total	63.9			N	
B171459-BS1	B171459-BS1	Lead	81.7			N	
B171459-BS1	B171459-BS1	Sodium	821			N	
B171459-BS1	B171459-BS1	Zinc	200			N	
B171459-BSD1	B171459-BSD1	Antimony	156			N	
B171459-BSD1	B171459-BSD1	Barium	98.7			N	
B171459-BSD1	B171459-BSD1	Chromium, Total	64.4			N	
B171459-BSD1	B171459-BSD1	Lead	82.2			N	
B171459-BSD1	B171459-BSD1	Sodium	838			N	
B171459-BSD1	B171459-BSD1	Zinc	202			N	
LW-03/MS/MSD-COMP-4	B171459-DUP1	Antimony	10.2			N	
LW-03/MS/MSD-COMP-4	B171459-DUP1	Chromium, Total	339			N	
LW-03/MS/MSD-COMP-4	B171459-DUP1	Sodium	172			N	
LW-03/MS/MSD-COMP-4	B171459-DUP1	Zinc	165			N	
LW-03/MS/MSD-COMP-4	B171459-MS1	Antimony	119			N	
LW-03/MS/MSD-COMP-4	B171459-MS1	Chromium, Total	236			N	
LW-03/MS/MSD-COMP-4	B171459-MS1	Sodium	298			N	
LW-03/MS/MSD-COMP-4	B171459-MS1	Zinc	255			N	
LW-03/MS/MSD-COMP-4	B171459-MSD1	Antimony	119			N	
LW-03/MS/MSD-COMP-4	B171459-MSD1	Chromium, Total	389			N	
LW-03/MS/MSD-COMP-4	B171459-MSD1	Sodium	351			N	
LW-03/MS/MSD-COMP-4	B171459-MSD1	Zinc	303			N	
B171477-BLK1	B171477-BLK1	Cyanide		U		N	
B171477-BS1	B171477-BS1	Cyanide	0.68			N	
B171477-BSD1	B171477-BSD1	Cyanide	0.67			N	
LRB-02-2-20-17DUP1	B171477-DUP1	Cyanide		U		N	
LRB-02-2-20-17MS1	B171477-MS1	Cyanide	0.36			N	
B171510-BLK1	B171510-BLK1	Cyanide		U		N	
B171510-BS1	B171510-BS1	Cyanide	56	D		N	
B171510-BSD1	B171510-BSD1	Cyanide	58	D		N	
LW-03/MS/MSD-COMP-4	B171510-MS1	Cyanide	22			N	
LW-03/MS/MSD-COMP-4	B171510-MSD1	Cyanide	22			N	
B171581-BLK1	B171581-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	89			N	
B171581-BLK1	B171581-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	83.6			N	
B171581-BLK1	B171581-BLK1	Alachlor		U		N	
B171581-BLK1	B171581-BLK1	Alachlor		U		N	
B171581-BLK1	B171581-BLK1	Aldrin		U		N	
B171581-BLK1	B171581-BLK1	Aldrin		U		N	
B171581-BLK1	B171581-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Alpha Endosulfan		U		N	
B171581-BLK1	B171581-BLK1	Alpha Endosulfan		U		N	
B171581-BLK1	B171581-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Beta Endosulfan		U		N	
B171581-BLK1	B171581-BLK1	Beta Endosulfan		U		N	
B171581-BLK1	B171581-BLK1	Chlordane		U		N	
B171581-BLK1	B171581-BLK1	Chlordane		U		N	
B171581-BLK1	B171581-BLK1	cis-Chlordane		U		N	
B171581-BLK1	B171581-BLK1	cis-Chlordane		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171581-BLK1	B171581-BLK1	Decachlorobiphenyl (PCB 209)	77.6			N	
B171581-BLK1	B171581-BLK1	Decachlorobiphenyl (PCB 209)	82.6			N	
B171581-BLK1	B171581-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Dieldrin		U		N	
B171581-BLK1	B171581-BLK1	Dieldrin		U		N	
B171581-BLK1	B171581-BLK1	Endosulfan Sulfate		U		N	
B171581-BLK1	B171581-BLK1	Endosulfan Sulfate		U		N	
B171581-BLK1	B171581-BLK1	Endrin		U		N	
B171581-BLK1	B171581-BLK1	Endrin		U		N	
B171581-BLK1	B171581-BLK1	Endrin Aldehyde		U		N	
B171581-BLK1	B171581-BLK1	Endrin Aldehyde		U		N	
B171581-BLK1	B171581-BLK1	Endrin Ketone		U		N	
B171581-BLK1	B171581-BLK1	Endrin Ketone		U		N	
B171581-BLK1	B171581-BLK1	Gamma Bhc (Lindane)		U		N	
B171581-BLK1	B171581-BLK1	Gamma Bhc (Lindane)		U		N	
B171581-BLK1	B171581-BLK1	Heptachlor		U		N	
B171581-BLK1	B171581-BLK1	Heptachlor		U		N	
B171581-BLK1	B171581-BLK1	Heptachlor Epoxide		U		N	
B171581-BLK1	B171581-BLK1	Heptachlor Epoxide		U		N	
B171581-BLK1	B171581-BLK1	Hexachlorobenzene		U		N	
B171581-BLK1	B171581-BLK1	Hexachlorobenzene		U		N	
B171581-BLK1	B171581-BLK1	Methoxychlor		U		N	
B171581-BLK1	B171581-BLK1	Methoxychlor		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDD		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDD		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDE		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDE		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDT		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDT		U		N	
B171581-BLK1	B171581-BLK1	Toxaphene		U		N	
B171581-BLK1	B171581-BLK1	Toxaphene		U		N	
B171581-BLK1	B171581-BLK1	trans-Chlordane		U		N	
B171581-BLK1	B171581-BLK1	trans-Chlordane		U		N	
B171581-BS1	B171581-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	92.3			N	
B171581-BS1	B171581-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	84.7			N	
B171581-BS1	B171581-BS1	Alachlor	0.097			N	
B171581-BS1	B171581-BS1	Alachlor	0.096			N	
B171581-BS1	B171581-BS1	Aldrin	0.087			N	
B171581-BS1	B171581-BS1	Aldrin	0.085			N	
B171581-BS1	B171581-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.088			N	
B171581-BS1	B171581-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.083			N	
B171581-BS1	B171581-BS1	Alpha Endosulfan	0.087			N	
B171581-BS1	B171581-BS1	Alpha Endosulfan	0.087			N	
B171581-BS1	B171581-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.085			N	
B171581-BS1	B171581-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.081			N	
B171581-BS1	B171581-BS1	Beta Endosulfan	0.087			N	
B171581-BS1	B171581-BS1	Beta Endosulfan	0.087			N	
B171581-BS1	B171581-BS1	cis-Chlordane	0.087			N	
B171581-BS1	B171581-BS1	cis-Chlordane	0.088			N	
B171581-BS1	B171581-BS1	Decachlorobiphenyl (PCB 209)	82.6			N	
B171581-BS1	B171581-BS1	Decachlorobiphenyl (PCB 209)	85.9			N	
B171581-BS1	B171581-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.086			N	
B171581-BS1	B171581-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.08			N	
B171581-BS1	B171581-BS1	Dieldrin	0.084			N	
B171581-BS1	B171581-BS1	Dieldrin	0.082			N	
B171581-BS1	B171581-BS1	Endosulfan Sulfate	0.089			N	
B171581-BS1	B171581-BS1	Endosulfan Sulfate	0.086			N	
B171581-BS1	B171581-BS1	Endrin	0.095			N	
B171581-BS1	B171581-BS1	Endrin	0.095			N	
B171581-BS1	B171581-BS1	Endrin Ketone	0.091			N	
B171581-BS1	B171581-BS1	Endrin Ketone	0.088			N	
B171581-BS1	B171581-BS1	Gamma Bhc (Lindane)	0.09			N	
B171581-BS1	B171581-BS1	Gamma Bhc (Lindane)	0.085			N	
B171581-BS1	B171581-BS1	Heptachlor	0.083			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171581-BS1	B171581-BS1	Heptachlor	0.087			N	
B171581-BS1	B171581-BS1	Heptachlor Epoxide	0.087			N	
B171581-BS1	B171581-BS1	Heptachlor Epoxide	0.085			N	
B171581-BS1	B171581-BS1	Hexachlorobenzene	0.089			N	
B171581-BS1	B171581-BS1	Hexachlorobenzene	0.081			N	
B171581-BS1	B171581-BS1	Methoxychlor	0.092			N	
B171581-BS1	B171581-BS1	Methoxychlor	0.095			N	
B171581-BS1	B171581-BS1	P,P'-DDD	0.091			N	
B171581-BS1	B171581-BS1	P,P'-DDD	0.09			N	
B171581-BS1	B171581-BS1	P,P'-DDE	0.089			N	
B171581-BS1	B171581-BS1	P,P'-DDE	0.088			N	
B171581-BS1	B171581-BS1	P,P'-DDT	0.092			N	
B171581-BS1	B171581-BS1	P,P'-DDT	0.088			N	
B171581-BS1	B171581-BS1	trans-Chlordane	0.085			N	
B171581-BS1	B171581-BS1	trans-Chlordane	0.088			N	
B171581-BSD1	B171581-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	90.2			N	
B171581-BSD1	B171581-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	82.5			N	
B171581-BSD1	B171581-BSD1	Alachlor	0.094			N	
B171581-BSD1	B171581-BSD1	Alachlor	0.093			N	
B171581-BSD1	B171581-BSD1	Aldrin	0.087			N	
B171581-BSD1	B171581-BSD1	Aldrin	0.084			N	
B171581-BSD1	B171581-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.085			N	
B171581-BSD1	B171581-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.081			N	
B171581-BSD1	B171581-BSD1	Alpha Endosulfan	0.087			N	
B171581-BSD1	B171581-BSD1	Alpha Endosulfan	0.086			N	
B171581-BSD1	B171581-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.082			N	
B171581-BSD1	B171581-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.078			N	
B171581-BSD1	B171581-BSD1	Beta Endosulfan	0.086			N	
B171581-BSD1	B171581-BSD1	Beta Endosulfan	0.086			N	
B171581-BSD1	B171581-BSD1	cis-Chlordane	0.087			N	
B171581-BSD1	B171581-BSD1	cis-Chlordane	0.087			N	
B171581-BSD1	B171581-BSD1	Decachlorobiphenyl (PCB 209)	82.5			N	
B171581-BSD1	B171581-BSD1	Decachlorobiphenyl (PCB 209)	84.3			N	
B171581-BSD1	B171581-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.082			N	
B171581-BSD1	B171581-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.078			N	
B171581-BSD1	B171581-BSD1	Dieldrin	0.084			N	
B171581-BSD1	B171581-BSD1	Dieldrin	0.081			N	
B171581-BSD1	B171581-BSD1	Endosulfan Sulfate	0.086			N	
B171581-BSD1	B171581-BSD1	Endosulfan Sulfate	0.084			N	
B171581-BSD1	B171581-BSD1	Endrin	0.095			N	
B171581-BSD1	B171581-BSD1	Endrin	0.094			N	
B171581-BSD1	B171581-BSD1	Endrin Ketone	0.088			N	
B171581-BSD1	B171581-BSD1	Endrin Ketone	0.086			N	
B171581-BSD1	B171581-BSD1	Gamma Bhc (Lindane)	0.087			N	
B171581-BSD1	B171581-BSD1	Gamma Bhc (Lindane)	0.083			N	
B171581-BSD1	B171581-BSD1	Heptachlor	0.081			N	
B171581-BSD1	B171581-BSD1	Heptachlor	0.086			N	
B171581-BSD1	B171581-BSD1	Heptachlor Epoxide	0.087			N	
B171581-BSD1	B171581-BSD1	Heptachlor Epoxide	0.084			N	
B171581-BSD1	B171581-BSD1	Hexachlorobenzene	0.088			N	
B171581-BSD1	B171581-BSD1	Hexachlorobenzene	0.08			N	
B171581-BSD1	B171581-BSD1	Methoxychlor	0.092			N	
B171581-BSD1	B171581-BSD1	Methoxychlor	0.093			N	
B171581-BSD1	B171581-BSD1	P,P'-DDD	0.091			N	
B171581-BSD1	B171581-BSD1	P,P'-DDD	0.09			N	
B171581-BSD1	B171581-BSD1	P,P'-DDE	0.089			N	
B171581-BSD1	B171581-BSD1	P,P'-DDE	0.088			N	
B171581-BSD1	B171581-BSD1	P,P'-DDT	0.092			N	
B171581-BSD1	B171581-BSD1	P,P'-DDT	0.087			N	
B171581-BSD1	B171581-BSD1	trans-Chlordane	0.086			N	
B171581-BSD1	B171581-BSD1	trans-Chlordane	0.088			N	
LW-03/MS/MSD-COMP-4	B171581-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	73.6			N	
LW-03/MS/MSD-COMP-4	B171581-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	63.1			N	
LW-03/MS/MSD-COMP-4	B171581-MS1	Alachlor	0.1			N	
LW-03/MS/MSD-COMP-4	B171581-MS1	Alachlor	0.12			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4 B171581-MS1		Aldrin	0.082			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Aldrin	0.075			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Alpha Bhc (Alpha Hexachlorocyclohexane)	0.079			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Alpha Bhc (Alpha Hexachlorocyclohexane)	0.071			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Alpha Endosulfan	0.062			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Alpha Endosulfan	0.057			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Beta Bhc (Beta Hexachlorocyclohexane)	0.076			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Beta Bhc (Beta Hexachlorocyclohexane)	0.07			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Beta Endosulfan	0.063			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Beta Endosulfan	0.075			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Decachlorobiphenyl (PCB 209)	87			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Decachlorobiphenyl (PCB 209)	87.7			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Delta BHC (Delta Hexachlorocyclohexane)	0.071			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Delta BHC (Delta Hexachlorocyclohexane)	0.061			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Dieldrin	0.088			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Dieldrin	0.096			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endosulfan Sulfate	0.04			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endosulfan Sulfate	0.044			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endrin	0.096			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endrin	0.085			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endrin Ketone	0.067			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endrin Ketone	0.062			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Gamma Bhc (Lindane)	0.077			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Gamma Bhc (Lindane)	0.071			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Heptachlor	0.082			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Heptachlor	0.08			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Heptachlor Epoxide	0.085			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Heptachlor Epoxide	0.089			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Hexachlorobenzene	0.082			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Hexachlorobenzene	0.073			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Methoxychlor	0.092			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Methoxychlor	0.088			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDD	0.11			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDD	0.069			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDE	0.092			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDE	0.086			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDT	0.097			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDT	0.11			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		2,4,5,6-Tetrachloro-Meta-Xylene	79.5			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		2,4,5,6-Tetrachloro-Meta-Xylene	69.8			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alachlor	0.12			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alachlor	0.13			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Aldrin	0.095			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Aldrin	0.087			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alpha Bhc (Alpha Hexachlorocyclohexane)	0.093			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alpha Bhc (Alpha Hexachlorocyclohexane)	0.084			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alpha Endosulfan	0.072			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alpha Endosulfan	0.067			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Beta Bhc (Beta Hexachlorocyclohexane)	0.089			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Beta Bhc (Beta Hexachlorocyclohexane)	0.082			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Beta Endosulfan	0.075			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Beta Endosulfan	0.085			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Decachlorobiphenyl (PCB 209)	88.9			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Decachlorobiphenyl (PCB 209)	88			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Delta BHC (Delta Hexachlorocyclohexane)	0.086			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Delta BHC (Delta Hexachlorocyclohexane)	0.076			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Dieldrin	0.1			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Dieldrin	0.11			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endosulfan Sulfate	0.044			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endosulfan Sulfate	0.05			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endrin	0.11			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endrin	0.1			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endrin Ketone	0.073			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endrin Ketone	0.068			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Gamma Bhc (Lindane)	0.091			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171581-MSD1	Gamma Bhc (Lindane)	0.085			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Heptachlor	0.097			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Heptachlor	0.094			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Heptachlor Epoxide	0.097			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Heptachlor Epoxide	0.11			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Hexachlorobenzene	0.094			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Hexachlorobenzene	0.084			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Methoxychlor	0.1			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Methoxychlor	0.095			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDD	0.12			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDD	0.083			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDE	0.1			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDE	0.098			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDT	0.11			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDT	0.12			N	
#sys_sample_code	lab_sample_id	chemical_name	result_valu	lab_qualific	validator_q	validated	validation_l
LW-01-COMP2-4-10.2'	17B0761-01	Arsenic		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Cadmium	1.4			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Chromium, Total	150			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Selenium	5.6	J	JH	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Silver		U	UJ	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Mercury	0.13			Y	
LW-01-COMP2-4-10.2'	17B0761-01	2,4,5,6-Tetrachloro-Meta-Xylene	80.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Decachlorobiphenyl (PCB 209)	69.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1016 (Aroclor 1016)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1221 (Aroclor 1221)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1232 (Aroclor 1232)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1242 (Aroclor 1242)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1248 (Aroclor 1248)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1254 (Aroclor 1254)	1.1	D	J	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1260 (Aroclor 1260)		U	UJ	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1262 (Aroclor 1262)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1268 (Aroclor 1268)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,2,4-Trichlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,2-Dichlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,2-Diphenylhydrazine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,3-Dichlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,4-Dichlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,4-Dichlorobenzene-D4	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1-Methylnaphthalene	0.59			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4,5-Trichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4,6-Tribromophenol	41.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4,6-Trichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4-Dichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4-Dimethylphenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4-Dinitrophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4-Dinitrotoluene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,6-Dinitrotoluene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Chloronaphthalene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Chlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Fluorobiphenyl	95.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Fluorophenol	36.5			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Methylnaphthalene	0.59			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Methylphenol (O-Cresol)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Nitroaniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Nitrophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	3- And 4- Methylphenol (Total)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	3,3'-Dichlorobenzidine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	3-Nitroaniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4,6-Dinitro-2-Methylphenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Bromophenyl Phenyl Ether		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Chloro-3-Methylphenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Chloroaniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Chlorophenyl Phenyl Ether		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'	17B0761-01	4-Nitroaniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Nitrophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Acenaphthene	0.41			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Acenaphthene-D10	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Acenaphthylene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Acetophenone		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Aniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Anthracene	0.72			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzidine		U	UJ	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(A)Anthracene	1.7			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(A)Pyrene	1.6		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(B)Fluoranthene	1.7		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(G,H,I)Perylene	1.7		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(K)Fluoranthene	0.59		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzoic Acid		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzyl Butyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Carbazole		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Chrysene	2.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Chrysene-D12	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Dibenz(A,H)Anthracene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Dibenzofuran		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Diethyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Dimethyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Di-N-Butyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Di-N-Octylphthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Fluoranthene	3.1			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Fluorene	0.53			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Hexachlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Hexachlorobutadiene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Hexachlorocyclopentadiene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Hexachloroethane		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Indeno(1,2,3-C,D)Pyrene	1.3		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Isophorone		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Naphthalene	0.52			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Naphthalene-D8	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Nitrobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Nitrobenzene-D5	39.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	N-Nitrosodimethylamine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	N-Nitrosodi-N-Propylamine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	N-Nitrosodiphenylamine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Pentachloronitrobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Pentachlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Perylene-D12	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Phenanthrene	3.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Phenanthrene-D10	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Phenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Phenol-D6	37.9			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Pyrene	2.8			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Pyridine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Terphenyl-D14	124			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Solids, Percent	82.8			Y	4
LW-01-COMP2-4-10.2'	17B0761-01RE1	Barium	230			Y	4
LW-01-COMP2-4-10.2'	17B0761-01RE1	Lead	140			Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,1,2-Tetrachloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,1-Trichloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,2,2-Tetrachloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,2-Trichloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1-Dichloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1-Dichloroethene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1-Dichloropropene		U		Y	4

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LW-01-VOC2-6-8'	17B0761-02	1,2,3-Trichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2,3-Trichloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2,4-Trichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2,4-Trimethylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dichloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dichloroethane-D4	111			Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dichloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,3,5-Trichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,3-Dichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,3-Dichloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,4-Dichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,4-Dichlorobenzene-D4	30			Y	4
LW-01-VOC2-6-8'	17B0761-02	1,4-Difluorobenzene	30			Y	4
LW-01-VOC2-6-8'	17B0761-02	1,4-Dioxane (P-Dioxane)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	2,2-Dichloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	2-Chlorotoluene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	2-Hexanone		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	2-Methoxy-2-Methylbutane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	4-Chlorotoluene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Acetone		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Acrylonitrile		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Benzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromochloromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromodichloromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromoform		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromomethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Carbon Disulfide		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Carbon Tetrachloride		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Chlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Chlorobenzene-D5	30			Y	4
LW-01-VOC2-6-8'	17B0761-02	Chloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Chloroform		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Chloromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Cis-1,2-Dichloroethylene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Cis-1,3-Dichloropropene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Cyclohexane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Cymene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Dibromochloromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Dibromomethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Dichlorodifluoromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Ethyl Tert-Butyl Ether		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Ethylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Hexachlorobutadiene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Isopropyl Ether		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Isopropylbenzene (Cumene)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	m,p-Xylene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methyl Acetate		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methylcyclohexane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methylene Chloride		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Naphthalene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	N-Butylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	N-Propylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	p-Bromofluorobenzene	105			Y	4
LW-01-VOC2-6-8'	17B0761-02	Pentafluorobenzene	30			Y	4
LW-01-VOC2-6-8'	17B0761-02	Sec-Butylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Styrene		U		Y	4

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LW-01-VOC2-6-8'	17B0761-02	T-Butylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Tert-Butyl Alcohol		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Tert-Butyl Methyl Ether		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Tetrachloroethylene (PCE)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Tetrahydrofuran		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Toluene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Toluene-D8	105			Y	4
LW-01-VOC2-6-8'	17B0761-02	Trans-1,2-Dichloroethene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Trans-1,3-Dichloropropene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Trichloroethylene (TCE)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Trichlorofluoromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Vinyl Chloride		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Solids, Percent	84.7			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,1,2-Tetrachloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,1-Trichloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,2,2-Tetrachloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,2-Trichloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1-Dichloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1-Dichloroethene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1-Dichloropropene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2,3-Trichlorobenzene	0.0048			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2,3-Trichloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2,4-Trichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2,4-Trimethylbenzene	0.054			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dichloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dichloroethane-D4	103			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dichloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,3,5-Trichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,3,5-Trimethylbenzene (Mesitylene)	0.014			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,3-Dichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,3-Dichloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,4-Dichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,4-Dichlorobenzene-D4	0.062			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,4-Difluorobenzene	0.062			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LW-01-VOC1-2-4'	17B0761-03	2,2-Dichloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	2-Chlorotoluene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	2-Hexanone		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	2-Methoxy-2-Methylbutane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	4-Chlorotoluene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Acetone		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Acrylonitrile		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Benzene	0.0037			Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromochloromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromodichloromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromoform		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromomethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Carbon Disulfide	0.018			Y	4
LW-01-VOC1-2-4'	17B0761-03	Carbon Tetrachloride		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Chlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Chlorobenzene-D5	0.062			Y	4
LW-01-VOC1-2-4'	17B0761-03	Chloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Chloroform		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Chloromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Cis-1,2-Dichloroethylene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Cis-1,3-Dichloropropene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Cymene	0.0068			Y	4
LW-01-VOC1-2-4'	17B0761-03	Dibromochloromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Dibromomethane		U		Y	4

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LW-01-VOC1-2-4'	17B0761-03	Dichlorodifluoromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Ethyl Tert-Butyl Ether		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Ethylbenzene	0.051			Y	4
LW-01-VOC1-2-4'	17B0761-03	Hexachlorobutadiene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Isopropyl Ether		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Isopropylbenzene (Cumene)	0.005			Y	4
LW-01-VOC1-2-4'	17B0761-03	m,p-Xylene	0.11			Y	4
LW-01-VOC1-2-4'	17B0761-03	Methyl Acetate		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Methylene Chloride		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Naphthalene	0.014			Y	4
LW-01-VOC1-2-4'	17B0761-03	N-Butylbenzene	0.0069			Y	4
LW-01-VOC1-2-4'	17B0761-03	N-Propylbenzene	0.0056			Y	4
LW-01-VOC1-2-4'	17B0761-03	O-Xylene (1,2-Dimethylbenzene)	0.016			Y	4
LW-01-VOC1-2-4'	17B0761-03	p-Bromofluorobenzene	89.5			Y	4
LW-01-VOC1-2-4'	17B0761-03	Pentafluorobenzene	0.062			Y	4
LW-01-VOC1-2-4'	17B0761-03	Sec-Butylbenzene	0.01			Y	4
LW-01-VOC1-2-4'	17B0761-03	Styrene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	T-Butylbenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Tert-Butyl Alcohol		U	UJ	Y	4
LW-01-VOC1-2-4'	17B0761-03	Tert-Butyl Methyl Ether		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Tetrachloroethylene (PCE)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Tetrahydrofuran		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Toluene	0.028			Y	4
LW-01-VOC1-2-4'	17B0761-03	Toluene-D8	96.2			Y	4
LW-01-VOC1-2-4'	17B0761-03	Trans-1,2-Dichloroethene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Trans-1,3-Dichloropropene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Trichloroethylene (TCE)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Trichlorofluoromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Vinyl Chloride		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Solids, Percent	87.1			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	1,2-Dichloroethane-D4	114			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	1,4-Dichlorobenzene-D4	30			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	1,4-Difluorobenzene	30			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	Chlorobenzene-D5	30			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	Methylcyclohexane	0.76			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	p-Bromofluorobenzene	105			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	Pentafluorobenzene	30			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	Toluene-D8	105			Y	4
LW-01-COMP1-0-4'	17B0761-04	Arsenic	3.8			Y	4
LW-01-COMP1-0-4'	17B0761-04	Barium	74			Y	4
LW-01-COMP1-0-4'	17B0761-04	Cadmium	1.3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Chromium, Total	660			Y	4
LW-01-COMP1-0-4'	17B0761-04	Lead	72			Y	4
LW-01-COMP1-0-4'	17B0761-04	Selenium	7.7		JH	Y	4
LW-01-COMP1-0-4'	17B0761-04	Silver		U	UJ	Y	4
LW-01-COMP1-0-4'	17B0761-04	Mercury	0.029			Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Decachlorobiphenyl (PCB 209)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1016 (Aroclor 1016)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1221 (Aroclor 1221)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1232 (Aroclor 1232)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1242 (Aroclor 1242)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1248 (Aroclor 1248)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1254 (Aroclor 1254)	13	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1260 (Aroclor 1260)	2.8	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1262 (Aroclor 1262)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1268 (Aroclor 1268)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,2,4-Trichlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,2-Dichlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,2-Diphenylhydrazine		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP1-0-4'	17B0761-04	1,3-Dichlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,4-Dichlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,4-Dichlorobenzene-D4	1.5			Y	4
LW-01-COMP1-0-4'	17B0761-04	1-Methylnaphthalene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4,5-Trichlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4,6-Tribromophenol	40.4			Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4,6-Trichlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4-Dichlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4-Dimethylphenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4-Dinitrophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4-Dinitrotoluene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,6-Dinitrotoluene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Chloronaphthalene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Chlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Fluorobiphenyl	69.2			Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Fluorophenol	59.2			Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Methylnaphthalene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Methylphenol (O-Cresol)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Nitroaniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Nitrophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	3- And 4- Methylphenol (Total)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	3,3'-Dichlorobenzidine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	3-Nitroaniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4,6-Dinitro-2-Methylphenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Bromophenyl Phenyl Ether		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Chloro-3-Methylphenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Chloroaniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Chlorophenyl Phenyl Ether		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Nitroaniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Nitrophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Acenaphthene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Acenaphthene-D10	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Acenaphthylene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Acetophenone		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Aniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Anthracene	0.54	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzidine		U	UJ	Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(A)Anthracene	1.6	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(A)Pyrene	1.4	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(B)Fluoranthene	2	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(G,H,I)Perylene	1.3	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(K)Fluoranthene	0.75	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzoic Acid		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzyl Butyl Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Carbazole	0.38	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Chrysene	1.9	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Chrysene-D12	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Dibenz(A,H)Anthracene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Dibenzofuran		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Diethyl Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Dimethyl Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Di-N-Butyl Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Di-N-Octylphthalate	1.5	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Fluoranthene	5.4	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Fluorene	0.46	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Hexachlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Hexachlorobutadiene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Hexachlorocyclopentadiene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Hexachloroethane		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Indeno(1,2,3-C,D)Pyrene	1.4	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Isophorone		U		Y	4

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LW-01-COMP1-0-4'	17B0761-04	Naphthalene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Naphthalene-D8	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Nitrobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Nitrobenzene-D5	50.8			Y	4
LW-01-COMP1-0-4'	17B0761-04	N-Nitrosodimethylamine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	N-Nitrosodi-N-Propylamine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	N-Nitrosodiphenylamine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Pentachloronitrobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Pentachlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Perylene-D12	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Phenanthrene	3.5	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Phenanthrene-D10	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Phenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Phenol-D6	68.2			Y	4
LW-01-COMP1-0-4'	17B0761-04	Pyrene	4.3	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Pyridine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Terphenyl-D14	69.1			Y	4
LW-01-COMP1-0-4'	17B0761-04	Solids, Percent	89.2			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Arsenic	4			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Barium	190			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Cadmium	1.4			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Chromium, Total	140			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Lead	170			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Selenium	7.3		JH	Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Silver		U	UJ	Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Mercury	0.048			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Decachlorobiphenyl (PCB 209)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1016 (Aroclor 1016)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1221 (Aroclor 1221)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1232 (Aroclor 1232)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1242 (Aroclor 1242)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1248 (Aroclor 1248)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1254 (Aroclor 1254)	7.7	D		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1260 (Aroclor 1260)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1262 (Aroclor 1262)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1268 (Aroclor 1268)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,2,4-Trichlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,2-Dichlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,2-Diphenylhydrazine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,3-Dichlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,4-Dichlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,4-Dichlorobenzene-D4	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1-Methylnaphthalene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4,5-Trichlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4,6-Tribromophenol	61.1			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4,6-Trichlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4-Dichlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4-Dimethylphenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4-Dinitrophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4-Dinitrotoluene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,6-Dinitrotoluene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Chloronaphthalene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Chlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Fluorobiphenyl	75.1			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Fluorophenol	69.9			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Methylnaphthalene	0.26			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Methylphenol (O-Cresol)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Nitroaniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Nitrophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	3- And 4- Methylphenol (Total)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	3,3'-Dichlorobenzidine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	3-Nitroaniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4,6-Dinitro-2-Methylphenol		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-02-COMP2-4-9.8'	17B0761-05	4-Bromophenyl Phenyl Ether		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Chloro-3-Methylphenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Chloroaniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Chlorophenyl Phenyl Ether		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Nitroaniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Nitrophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Acenaphthene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Acenaphthene-D10	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Acenaphthylene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Acetophenone		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Aniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Anthracene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzidine		U	UJ	Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(A)Anthracene	0.36			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(A)Pyrene	0.31			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(B)Fluoranthene	0.43			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(G,H,I)Perylene	0.35			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(K)Fluoranthene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzoic Acid		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzyl Butyl Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Carbazole		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Chrysene	0.36			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Chrysene-D12	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Dibenz(A,H)Anthracene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Dibenzofuran		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Diethyl Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Dimethyl Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Di-N-Butyl Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Di-N-Octylphthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Fluoranthene	0.97			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Fluorene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Hexachlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Hexachlorobutadiene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Hexachlorocyclopentadiene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Hexachloroethane		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Indeno(1,2,3-C,D)Pyrene	0.3			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Isophorone		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Naphthalene	0.33			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Naphthalene-D8	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Nitrobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Nitrobenzene-D5	45.1			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	N-Nitrosodimethylamine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	N-Nitrosodi-N-Propylamine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	N-Nitrosodiphenylamine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Pentachloronitrobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Pentachlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Perylene-D12	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Phenanthrene	0.61			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Phenanthrene-D10	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Phenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Phenol-D6	70.7			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Pyrene	0.99			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Pyridine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Terphenyl-D14	75.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Solids, Percent	82.1			Y	4
LW-02-COMP1-0-4'	17B0761-06	Arsenic	4			Y	4
LW-02-COMP1-0-4'	17B0761-06	Barium	140			Y	4
LW-02-COMP1-0-4'	17B0761-06	Cadmium	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Chromium, Total	140			Y	4
LW-02-COMP1-0-4'	17B0761-06	Lead	130			Y	4
LW-02-COMP1-0-4'	17B0761-06	Selenium		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-02-COMP1-0-4'	17B0761-06	Silver		U	UU	Y	4
LW-02-COMP1-0-4'	17B0761-06	Mercury	0.031			Y	
LW-02-COMP1-0-4'	17B0761-06	2,4,5,6-Tetrachloro-Meta-Xylene	97.9			Y	4
LW-02-COMP1-0-4'	17B0761-06	Decachlorobiphenyl (PCB 209)	94.8			Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1016 (Aroclor 1016)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1221 (Aroclor 1221)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1232 (Aroclor 1232)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1242 (Aroclor 1242)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1248 (Aroclor 1248)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1254 (Aroclor 1254)	4.4	D		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1260 (Aroclor 1260)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1262 (Aroclor 1262)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1268 (Aroclor 1268)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,2,4-Trichlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,2-Dichlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,2-Diphenylhydrazine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,3-Dichlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,4-Dichlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,4-Dichlorobenzene-D4	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	1-Methylnaphthalene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4,5-Trichlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4,6-Tribromophenol	69.7			Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4,6-Trichlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4-Dichlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4-Dimethylphenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4-Dinitrophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4-Dinitrotoluene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,6-Dinitrotoluene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Chloronaphthalene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Chlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Fluorobiphenyl	90.2			Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Fluorophenol	77.2			Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Methylnaphthalene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Methylphenol (O-Cresol)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Nitroaniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Nitrophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	3- And 4- Methylphenol (Total)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	3,3'-Dichlorobenzidine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	3-Nitroaniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4,6-Dinitro-2-Methylphenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Bromophenyl Phenyl Ether		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Chloro-3-Methylphenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Chloroaniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Chlorophenyl Phenyl Ether		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Nitroaniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Nitrophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Acenaphthene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Acenaphthene-D10	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Acenaphthylene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Acetophenone		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Aniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Anthracene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzidine		U	UU	Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(A)Anthracene	0.61			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(A)Pyrene	0.81			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(B)Fluoranthene	1			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(G,H,I)Perylene	0.92			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(K)Fluoranthene	0.37			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzoic Acid		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzyl Butyl Phthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Bis(2-Ethylhexyl) Phthalate	0.66			Y	4

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LW-02-COMP1-0-4'	17B0761-06	Carbazole		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Chrysene	0.58			Y	4
LW-02-COMP1-0-4'	17B0761-06	Chrysene-D12	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Dibenz(A,H)Anthracene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Dibenzofuran		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Diethyl Phthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Dimethyl Phthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Di-N-Butyl Phthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Di-N-Octylphthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Fluoranthene	1.1			Y	4
LW-02-COMP1-0-4'	17B0761-06	Fluorene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Hexachlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Hexachlorobutadiene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Hexachlorocyclopentadiene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Hexachloroethane		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Indeno(1,2,3-C,D)Pyrene	0.89			Y	4
LW-02-COMP1-0-4'	17B0761-06	Isophorone		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Naphthalene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Naphthalene-D8	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Nitrobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Nitrobenzene-D5	67.1			Y	4
LW-02-COMP1-0-4'	17B0761-06	N-Nitrosodimethylamine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	N-Nitrosodi-N-Propylamine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	N-Nitrosodiphenylamine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Pentachloronitrobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Pentachlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Perylene-D12	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Phenanthrene	0.61			Y	4
LW-02-COMP1-0-4'	17B0761-06	Phenanthrene-D10	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Phenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Phenol-D6	75.7			Y	4
LW-02-COMP1-0-4'	17B0761-06	Pyrene	1.7			Y	4
LW-02-COMP1-0-4'	17B0761-06	Pyridine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Terphenyl-D14	83.3			Y	4
LW-02-COMP1-0-4'	17B0761-06	Solids, Percent	91.4			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,1,2-Tetrachloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,1-Trichloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,2,2-Tetrachloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,2-Trichloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1-Dichloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1-Dichloroethene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1-Dichloropropene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2,3-Trichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2,3-Trichloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2,4-Trichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2,4-Trimethylbenzene	0.035			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dichloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dichloroethane-D4	98			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dichloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,3,5-Trichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,3,5-Trimethylbenzene (Mesitylene)	0.011			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,3-Dichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,3-Dichloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,4-Dichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,4-Dichlorobenzene-D4	0.057			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,4-Difluorobenzene	0.057			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LW-02-VOC1-0-2'	17B0761-07	2,2-Dichloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	2-Chlorotoluene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	2-Hexanone		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	2-Methoxy-2-Methylbutane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-02-VOC1-0-2'	17B0761-07	4-Chlorotoluene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Acetone		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Acrylonitrile		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Benzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromochloromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromodichloromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromoform		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromomethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Carbon Disulfide		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Carbon Tetrachloride		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Chlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Chlorobenzene-D5	0.057			Y	4
LW-02-VOC1-0-2'	17B0761-07	Chloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Chloroform		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Chloromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Cis-1,2-Dichloroethylene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Cis-1,3-Dichloropropene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Cymene	0.0024			Y	4
LW-02-VOC1-0-2'	17B0761-07	Dibromochloromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Dibromomethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Dichlorodifluoromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Ethyl Tert-Butyl Ether		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Ethylbenzene	0.014			Y	4
LW-02-VOC1-0-2'	17B0761-07	Hexachlorobutadiene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Isopropyl Ether		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Isopropylbenzene (Cumene)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	m,p-Xylene	0.033			Y	4
LW-02-VOC1-0-2'	17B0761-07	Methyl Acetate		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Methylcyclohexane	0.0035			Y	4
LW-02-VOC1-0-2'	17B0761-07	Methylene Chloride		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Naphthalene	0.0069			Y	4
LW-02-VOC1-0-2'	17B0761-07	N-Butylbenzene	0.0024			Y	4
LW-02-VOC1-0-2'	17B0761-07	N-Propylbenzene	0.0022			Y	4
LW-02-VOC1-0-2'	17B0761-07	O-Xylene (1,2-Dimethylbenzene)	0.004			Y	4
LW-02-VOC1-0-2'	17B0761-07	p-Bromofluorobenzene	88.3			Y	4
LW-02-VOC1-0-2'	17B0761-07	Pentafluorobenzene	0.057			Y	4
LW-02-VOC1-0-2'	17B0761-07	Sec-Butylbenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Styrene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	T-Butylbenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Tert-Butyl Alcohol		U	UJ	Y	4
LW-02-VOC1-0-2'	17B0761-07	Tert-Butyl Methyl Ether		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Tetrachloroethylene (PCE)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Tetrahydrofuran		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Toluene	0.011			Y	4
LW-02-VOC1-0-2'	17B0761-07	Toluene-D8	97.6			Y	4
LW-02-VOC1-0-2'	17B0761-07	Trans-1,2-Dichloroethene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Trans-1,3-Dichloropropene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Trichloroethylene (TCE)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Trichlorofluoromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Vinyl Chloride		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Solids, Percent	91.2			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,1,2-Tetrachloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,1-Trichloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,2,2-Tetrachloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,2-Trichloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1-Dichloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1-Dichloroethene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1-Dichloropropene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2,3-Trichlorobenzene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-02-VOC2-8-9.8'	17B0761-08	1,2,3-Trichloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2,4-Trichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2,4-Trimethylbenzene	0.011			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dichloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dichloroethane-D4	102			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dichloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,3,5-Trichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,3,5-Trimethylbenzene (Mesitylene)	0.0027			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,3-Dichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,3-Dichloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,4-Dichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,4-Dichlorobenzene-D4	0.063			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,4-Difluorobenzene	0.063			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LW-02-VOC2-8-9.8'	17B0761-08	2,2-Dichloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	2-Chlorotoluene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	2-Hexanone		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	2-Methoxy-2-Methylbutane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	4-Chlorotoluene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Acetone		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Acrylonitrile		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Benzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromochloromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromodichloromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromoform		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromomethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Carbon Disulfide		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Carbon Tetrachloride		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chlorobenzene-D5	0.063			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chloroform		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chloromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Cis-1,2-Dichloroethylene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Cis-1,3-Dichloropropene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Cymene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Dibromochloromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Dibromomethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Dichlorodifluoromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Ethyl Tert-Butyl Ether		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Ethylbenzene	0.0078			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Hexachlorobutadiene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Isopropyl Ether		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Isopropylbenzene (Cumene)	0.0037			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	m,p-Xylene	0.075			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methyl Acetate		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methylcyclohexane	0.0027			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methylene Chloride		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Naphthalene	0.0067			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	N-Butylbenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	N-Propylbenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	O-Xylene (1,2-Dimethylbenzene)	0.0032			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	p-Bromofluorobenzene	89.4			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Pentafluorobenzene	0.063			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Sec-Butylbenzene	0.0035			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Styrene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	T-Butylbenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Tert-Butyl Alcohol		U	UJ	Y	4

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LW-02-VOC2-8-9.8'	17B0761-08	Tert-Butyl Methyl Ether		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Tetrachloroethylene (PCE)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Tetrahydrofuran		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Toluene	0.0064			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Toluene-D8	97.6			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trans-1,2-Dichloroethene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trans-1,3-Dichloropropene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trichloroethylene (TCE)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trichlorofluoromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Vinyl Chloride		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Solids, Percent	83.8			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Aluminum	12000		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Antimony		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Arsenic	9.4			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Barium	100			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Beryllium	0.87		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cadmium	0.86		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Calcium	26000			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chromium, Total	18			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cobalt	9.5		J	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Copper	14			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Iron	21000			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Lead	30		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Magnesium	6700		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Manganese	1500			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Nickel	15			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Potassium	980			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Selenium		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Silver		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Sodium	140			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Thallium		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Vanadium	26		J	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Zinc	61			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Mercury	0.059			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,5,6-Tetrachloro-Meta-Xylene	83.5			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Alachlor		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Aldrin		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Alpha Endosulfan		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Beta Endosulfan		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chlordane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Decachlorobiphenyl (PCB 209)	80.5			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dieldrin		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Endosulfan Sulfate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Endrin		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Endrin Aldehyde		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Endrin Ketone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Gamma Bhc (Lindane)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Heptachlor		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Heptachlor Epoxide		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methoxychlor		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	P,P'-DDD		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	P,P'-DDE		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	P,P'-DDT		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Toxaphene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,5,6-Tetrachloro-Meta-Xylene	92.4			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Decachlorobiphenyl (PCB 209)	84.4			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1016 (Aroclor 1016)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1221 (Aroclor 1221)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1232 (Aroclor 1232)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1242 (Aroclor 1242)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1248 (Aroclor 1248)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1254 (Aroclor 1254)	0.038			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1260 (Aroclor 1260)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1262 (Aroclor 1262)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1268 (Aroclor 1268)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,1,2-Tetrachloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,1-Trichloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,2,2-Tetrachloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,2-Trichloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1-Dichloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1-Dichloroethene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1-Dichloropropene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,3-Trichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,3-Trichloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,4-Trichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,4-Trimethylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dibromo-3-Chloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichloroethane-D4	101			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3,5-Trichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3-Dichloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dichlorobenzene-D4	0.07			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Difluorobenzene	0.07			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dioxane (P-Dioxane)		U	UU	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,2-Dichloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Chlorotoluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Hexanone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Methoxy-2-Methylbutane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Chlorotoluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acetone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acrylonitrile		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromochloromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromodichloromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromoform		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromomethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Carbon Disulfide		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Carbon Tetrachloride		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chlorobenzene-D5	0.07			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chloroform		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chloromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cis-1,2-Dichloroethylene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cis-1,3-Dichloropropene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cymene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dibromochloromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dibromomethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dichlorodifluoromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Diethyl Ether (Ethyl Ether)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Ethyl Tert-Butyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Ethylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorobutadiene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Isopropyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Isopropylbenzene (Cumene)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	m,p-Xylene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methyl Acetate		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-25-COMP1-0-2.4'	17B0761-09	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methylcyclohexane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methylene Chloride	0.051			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Naphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Butylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Propylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	p-Bromofluorobenzene	94.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pentafluorobenzene	0.07			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Sec-Butylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Styrene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	T-Butylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Tert-Butyl Alcohol		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Tert-Butyl Methyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Tetrachloroethylene (PCE)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Tetrahydrofuran		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Toluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Toluene-D8	98.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trans-1,2-Dichloroethene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trans-1,3-Dichloropropene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trans-1,4-Dichloro-2-Butene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trichloroethylene (TCE)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trichlorofluoromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Vinyl Chloride		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,4,5-Tetrachlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,4-Trichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Diphenylhydrazine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dichlorobenzene-D4	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1-Methylnaphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,5-Trichlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,6-Tribromophenol	31.9			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,6-Trichlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4-Dichlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4-Dimethylphenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4-Dinitrophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4-Dinitrotoluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,6-Dinitrotoluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Chloronaphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Chlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Fluorobiphenyl	49.4			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Fluorophenol	52.1			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Methylnaphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Methylphenol (O-Cresol)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Nitroaniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Nitrophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	3- And 4- Methylphenol (Total)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	3,3'-Dichlorobenzidine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	3-Nitroaniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4,6-Dinitro-2-Methylphenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Bromophenyl Phenyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Chloro-3-Methylphenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Chloroaniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Chlorophenyl Phenyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Nitroaniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Nitrophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acenaphthene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acenaphthene-D10	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acenaphthylene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acetophenone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Aniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Anthracene		U		Y	4

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LB-25-COMP1-0-2.4'	17B0761-09	Benzidine		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(A)Anthracene	0.24			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(A)Pyrene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(B)Fluoranthene	0.33			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(G,H,I)Perylene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(K)Fluoranthene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzoic Acid		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzyl Butyl Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bis(2-Chloroethoxy) Methane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bis(2-Chloroisopropyl) Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Carbazole		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chrysene	0.28			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chrysene-D12	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dibenz(A,H)Anthracene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dibenzofuran		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Diethyl Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dimethyl Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Di-N-Butyl Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Di-N-Octylphthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Fluoranthene	0.64			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Fluorene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorobutadiene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorocyclopentadiene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Indeno(1,2,3-C,D)Pyrene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Isophorone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Naphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Naphthalene-D8	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Nitrobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Nitrobenzene-D5	48			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Nitrosodimethylamine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Nitrosodi-N-Propylamine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Nitrosodiphenylamine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pentachloronitrobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pentachlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Perylene-D12	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Phenanthrene	0.69			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Phenanthrene-D10	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Phenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Phenol-D6	54.2			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pyrene	0.57			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pyridine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Terphenyl-D14	57.2			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Solids, Percent	81.8			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cyanide	3.2			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Aluminum	5000		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Antimony		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Arsenic	4.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Barium	190			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Beryllium	0.62		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cadmium	0.72		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Calcium	130000			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chromium, Total	20			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cobalt	3.4		J	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Copper	19			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Iron	11000			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Lead	80		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Magnesium	10000		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Manganese	380			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Nickel	13			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Potassium	830			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Selenium	10		JH	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-04-COMP1-0-4.10'	17B0761-10	Silver		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Sodium	170			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Thallium		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Vanadium	13		J	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Zinc	120			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Mercury	0.03			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,5,6-Tetrachloro-Meta-Xylene	82.6			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Alachlor		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Aldrin		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Alpha Endosulfan		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Beta Endosulfan		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chlordane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Decachlorobiphenyl (PCB 209)	75.8			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dieldrin		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Endosulfan Sulfate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Endrin		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Endrin Aldehyde		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Endrin Ketone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Gamma Bhc (Lindane)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Heptachlor		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Heptachlor Epoxide		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methoxychlor		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	P,P'-DDD		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	P,P'-DDE		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	P,P'-DDT		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Toxaphene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,5,6-Tetrachloro-Meta-Xylene	85.7			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Decachlorobiphenyl (PCB 209)	77.9			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1016 (Aroclor 1016)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1221 (Aroclor 1221)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1232 (Aroclor 1232)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1242 (Aroclor 1242)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1248 (Aroclor 1248)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1254 (Aroclor 1254)	0.051			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1260 (Aroclor 1260)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1262 (Aroclor 1262)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1268 (Aroclor 1268)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,1,2-Tetrachloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,1-Trichloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,2,2-Tetrachloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,2-Trichloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1-Dichloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1-Dichloroethene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1-Dichloropropene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,3-Trichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,3-Trichloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,4-Trichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,4-Trimethylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichloroethane-D4	104			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,3,5-Trichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,3-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,3-Dichloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dichlorobenzene-D4	0.058			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Difluorobenzene	0.058			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,2-Dichloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Chlorotoluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Hexanone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Methoxy-2-Methylbutane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Chlorotoluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acetone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acrylonitrile		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromochloromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromodichloromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromoform		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromomethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Carbon Disulfide		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Carbon Tetrachloride		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chlorobenzene-D5	0.058			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chloroform		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chloromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cis-1,2-Dichloroethylene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cis-1,3-Dichloropropene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cymene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dibromochloromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dibromomethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dichlorodifluoromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Ethyl Tert-Butyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Ethylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorobutadiene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Isopropyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Isopropylbenzene (Cumene)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	m,p-Xylene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methyl Acetate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methylcyclohexane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methylene Chloride	0.042			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Naphthalene	0.0081			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Butylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Propylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	p-Bromofluorobenzene	94.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Pentafluorobenzene	0.058			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Sec-Butylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Styrene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	T-Butylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Tert-Butyl Alcohol		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Tert-Butyl Methyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Tetrachloroethylene (PCE)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Tetrahydrofuran		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Toluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Toluene-D8	96.4			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trans-1,2-Dichloroethene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trans-1,3-Dichloropropene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trichloroethylene (TCE)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trichlorofluoromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Vinyl Chloride		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,4-Trichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Diphenylhydrazine		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-04-COMP1-0-4.10'	17B0761-10	1,3-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dichlorobenzene-D4	1.5			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1-Methylnaphthalene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,5-Trichlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,6-Tribromophenol	31.8			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,6-Trichlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4-Dichlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4-Dimethylphenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4-Dinitrophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4-Dinitrotoluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,6-Dinitrotoluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Chloronaphthalene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Chlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Fluorobiphenyl	57			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Fluorophenol	50.6			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Methylnaphthalene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Methylphenol (O-Cresol)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Nitroaniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Nitrophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	3- And 4- Methylphenol (Total)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	3,3'-Dichlorobenzidine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	3-Nitroaniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4,6-Dinitro-2-Methylphenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Bromophenyl Phenyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Chloro-3-Methylphenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Chloroaniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Chlorophenyl Phenyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Nitroaniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Nitrophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acenaphthene	4.1	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acenaphthene-D10	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acenaphthylene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acetophenone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Aniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Anthracene	4.8	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzidine		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(A)Anthracene	13	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(A)Pyrene	12	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(B)Fluoranthene	17	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(G,H,I)Perylene	8	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(K)Fluoranthene	6.4	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzoic Acid		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzyl Butyl Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Carbazole	5.6	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chrysene	15	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chrysene-D12	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dibenz(A,H)Anthracene	1.8	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dibenzofuran	3.1	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Diethyl Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dimethyl Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Di-N-Butyl Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Di-N-Octylphthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Fluorene	4.8	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorobutadiene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorocyclopentadiene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Indeno(1,2,3-C,D)Pyrene	8.4	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Isophorone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Naphthalene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-04-COMP1-0-4.10'	17B0761-10	Naphthalene-D8	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Nitrobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Nitrobenzene-D5	53.7			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Nitrosodimethylamine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Nitrosodi-N-Propylamine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Nitrosodiphenylamine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Pentachloronitrobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Pentachlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Perylene-D12	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Phenanthrene-D10	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Phenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Phenol-D6	53.8			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Pyridine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Terphenyl-D14	60.5			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Solids, Percent	91.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cyanide	1.6			Y	4
LW-04-COMP1-0-4.10'	17B0761-10RE1	Fluoranthene	46	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10RE1	Phenanthrene	45	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10RE1	Pyrene	36	D		Y	4
LRB-01-2-16-17	17B0761-12	Aluminum		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Antimony		U		Y	4
LRB-01-2-16-17	17B0761-12	Arsenic		U		Y	4
LRB-01-2-16-17	17B0761-12	Barium		U		Y	4
LRB-01-2-16-17	17B0761-12	Beryllium		U		Y	4
LRB-01-2-16-17	17B0761-12	Cadmium		U		Y	4
LRB-01-2-16-17	17B0761-12	Calcium		U		Y	4
LRB-01-2-16-17	17B0761-12	Chromium, Total		U		Y	4
LRB-01-2-16-17	17B0761-12	Cobalt		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Copper		U		Y	4
LRB-01-2-16-17	17B0761-12	Iron		U		Y	4
LRB-01-2-16-17	17B0761-12	Lead		U		Y	4
LRB-01-2-16-17	17B0761-12	Magnesium		U		Y	4
LRB-01-2-16-17	17B0761-12	Manganese		U		Y	4
LRB-01-2-16-17	17B0761-12	Nickel		U		Y	4
LRB-01-2-16-17	17B0761-12	Potassium		U		Y	4
LRB-01-2-16-17	17B0761-12	Selenium		U		Y	4
LRB-01-2-16-17	17B0761-12	Silver		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Sodium		U		Y	4
LRB-01-2-16-17	17B0761-12	Thallium		U		Y	4
LRB-01-2-16-17	17B0761-12	Vanadium		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Zinc		U		Y	4
LRB-01-2-16-17	17B0761-12	Mercury	0.00013		JH	Y	4
LRB-01-2-16-17	17B0761-12	2,4,5,6-Tetrachloro-Meta-Xylene	85.4			Y	4
LRB-01-2-16-17	17B0761-12	Alachlor		U		Y	4
LRB-01-2-16-17	17B0761-12	Aldrin		U		Y	4
LRB-01-2-16-17	17B0761-12	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LRB-01-2-16-17	17B0761-12	Alpha Endosulfan		U		Y	4
LRB-01-2-16-17	17B0761-12	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LRB-01-2-16-17	17B0761-12	Beta Endosulfan		U		Y	4
LRB-01-2-16-17	17B0761-12	Chlordane		U		Y	4
LRB-01-2-16-17	17B0761-12	Decachlorobiphenyl (PCB 209)	42.2			Y	4
LRB-01-2-16-17	17B0761-12	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LRB-01-2-16-17	17B0761-12	Dieldrin		U		Y	4
LRB-01-2-16-17	17B0761-12	Endosulfan Sulfate		U		Y	4
LRB-01-2-16-17	17B0761-12	Endrin		U		Y	4
LRB-01-2-16-17	17B0761-12	Endrin Aldehyde		U		Y	4
LRB-01-2-16-17	17B0761-12	Endrin Ketone		U		Y	4
LRB-01-2-16-17	17B0761-12	Gamma Bhc (Lindane)		U		Y	4
LRB-01-2-16-17	17B0761-12	Heptachlor		U		Y	4
LRB-01-2-16-17	17B0761-12	Heptachlor Epoxide		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Methoxychlor		U		Y	4
LRB-01-2-16-17	17B0761-12	P,P'-DDD		U		Y	4
LRB-01-2-16-17	17B0761-12	P,P'-DDE		U		Y	4
LRB-01-2-16-17	17B0761-12	P,P'-DDT		U		Y	4

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LRB-01-2-16-17	17B0761-12	Toxaphene		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4,5,6-Tetrachloro-Meta-Xylene	96.7			Y	4
LRB-01-2-16-17	17B0761-12	Decachlorobiphenyl (PCB 209)	54.7			Y	4
LRB-01-2-16-17	17B0761-12	PCB-1016 (Aroclor 1016)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1221 (Aroclor 1221)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1232 (Aroclor 1232)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1242 (Aroclor 1242)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1248 (Aroclor 1248)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1254 (Aroclor 1254)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1260 (Aroclor 1260)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1262 (Aroclor 1262)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1268 (Aroclor 1268)		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,1,2-Tetrachloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,1-Trichloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,2,2-Tetrachloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,2-Trichloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1-Dichloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1-Dichloroethene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1-Dichloropropene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,3-Trichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,3-Trichloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,4-Trichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,4-Trimethylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dibromo-3-Chloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichloroethane-D4	115			Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3,5-Trichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3-Dichloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dichlorobenzene-D4	30			Y	4
LRB-01-2-16-17	17B0761-12	1,4-Difluorobenzene	30			Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dioxane (P-Dioxane)		U		Y	4
LRB-01-2-16-17	17B0761-12	2,2-Dichloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Chlorotoluene		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Hexanone		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Methoxy-2-Methylbutane		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Chlorotoluene		U		Y	4
LRB-01-2-16-17	17B0761-12	Acetone		U		Y	4
LRB-01-2-16-17	17B0761-12	Acrylonitrile		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromochloromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromodichloromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromoform		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromomethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Carbon Disulfide		U		Y	4
LRB-01-2-16-17	17B0761-12	Carbon Tetrachloride		U		Y	4
LRB-01-2-16-17	17B0761-12	Chlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Chlorobenzene-D5	30			Y	4
LRB-01-2-16-17	17B0761-12	Chloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Chloroform		U		Y	4
LRB-01-2-16-17	17B0761-12	Chloromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Cis-1,2-Dichloroethylene		U		Y	4
LRB-01-2-16-17	17B0761-12	Cis-1,3-Dichloropropene		U		Y	4
LRB-01-2-16-17	17B0761-12	Cyclohexane		U		Y	4
LRB-01-2-16-17	17B0761-12	Cymene		U		Y	4
LRB-01-2-16-17	17B0761-12	Dibromochloromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Dibromomethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Dichlorodifluoromethane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-01-2-16-17	17B0761-12	Diethyl Ether (Ethyl Ether)		U		Y	4
LRB-01-2-16-17	17B0761-12	Ethyl Tert-Butyl Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	Ethylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorobutadiene		U		Y	4
LRB-01-2-16-17	17B0761-12	Isopropyl Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	Isopropylbenzene (Cumene)		U		Y	4
LRB-01-2-16-17	17B0761-12	m,p-Xylene		U		Y	4
LRB-01-2-16-17	17B0761-12	Methyl Acetate		U		Y	4
LRB-01-2-16-17	17B0761-12	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LRB-01-2-16-17	17B0761-12	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LRB-01-2-16-17	17B0761-12	Methylcyclohexane		U		Y	4
LRB-01-2-16-17	17B0761-12	Methylene Chloride		U		Y	4
LRB-01-2-16-17	17B0761-12	Naphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	N-Butylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	N-Propylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LRB-01-2-16-17	17B0761-12	p-Bromofluorobenzene	99			Y	4
LRB-01-2-16-17	17B0761-12	Pentafluorobenzene	30			Y	4
LRB-01-2-16-17	17B0761-12	Sec-Butylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Styrene		U		Y	4
LRB-01-2-16-17	17B0761-12	T-Butylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Tert-Butyl Alcohol		U		Y	4
LRB-01-2-16-17	17B0761-12	Tert-Butyl Methyl Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	Tetrachloroethylene (PCE)		U		Y	4
LRB-01-2-16-17	17B0761-12	Tetrahydrofuran		U		Y	4
LRB-01-2-16-17	17B0761-12	Toluene		U		Y	4
LRB-01-2-16-17	17B0761-12	Toluene-D8	105			Y	4
LRB-01-2-16-17	17B0761-12	Trans-1,2-Dichloroethene		U		Y	4
LRB-01-2-16-17	17B0761-12	Trans-1,3-Dichloropropene		U		Y	4
LRB-01-2-16-17	17B0761-12	Trans-1,4-Dichloro-2-Butene		U		Y	4
LRB-01-2-16-17	17B0761-12	Trichloroethylene (TCE)		U		Y	4
LRB-01-2-16-17	17B0761-12	Trichlorofluoromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Vinyl Chloride		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,4,5-Tetrachlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,4-Trichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Diphenylhydrazine		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dichlorobenzene-D4	40			Y	4
LRB-01-2-16-17	17B0761-12	1-Methylnaphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4,5-Trichlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4,6-Tribromophenol	93.5			Y	4
LRB-01-2-16-17	17B0761-12	2,4,6-Trichlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4-Dichlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4-Dimethylphenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4-Dinitrophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4-Dinitrotoluene		U		Y	4
LRB-01-2-16-17	17B0761-12	2,6-Dinitrotoluene		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Chloronaphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Chlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Fluorobiphenyl	91.4			Y	4
LRB-01-2-16-17	17B0761-12	2-Fluorophenol	50			Y	4
LRB-01-2-16-17	17B0761-12	2-Methylnaphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Methylphenol (O-Cresol)		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Nitroaniline		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Nitrophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	3- And 4- Methylphenol (Total)		U		Y	4
LRB-01-2-16-17	17B0761-12	3,3'-Dichlorobenzidine		U	UU	Y	4
LRB-01-2-16-17	17B0761-12	3-Nitroaniline		U		Y	4
LRB-01-2-16-17	17B0761-12	4,6-Dinitro-2-Methylphenol		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Bromophenyl Phenyl Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Chloro-3-Methylphenol		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Chloroaniline		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Chlorophenyl Phenyl Ether		U		Y	4

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LRB-01-2-16-17	17B0761-12	4-Nitroaniline		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Nitrophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	Acenaphthene		U		Y	4
LRB-01-2-16-17	17B0761-12	Acenaphthene-D10	40			Y	4
LRB-01-2-16-17	17B0761-12	Acenaphthylene		U		Y	4
LRB-01-2-16-17	17B0761-12	Acetophenone		U		Y	4
LRB-01-2-16-17	17B0761-12	Aniline		U		Y	4
LRB-01-2-16-17	17B0761-12	Anthracene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzidine		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Benzo(A)Anthracene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzo(A)Pyrene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzo(B)Fluoranthene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzo(G,H,I)Perylene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzo(K)Fluoranthene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzoic Acid		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzyl Butyl Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Bis(2-Chloroethoxy) Methane		U		Y	4
LRB-01-2-16-17	17B0761-12	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LRB-01-2-16-17	17B0761-12	Bis(2-Chloroisopropyl) Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Carbazole		U		Y	4
LRB-01-2-16-17	17B0761-12	Chrysene		U		Y	4
LRB-01-2-16-17	17B0761-12	Chrysene-D12	40			Y	4
LRB-01-2-16-17	17B0761-12	Dibenz(A,H)Anthracene		U		Y	4
LRB-01-2-16-17	17B0761-12	Dibenzofuran		U		Y	4
LRB-01-2-16-17	17B0761-12	Diethyl Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Dimethyl Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Di-N-Butyl Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Di-N-Octylphthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Fluoranthene		U		Y	4
LRB-01-2-16-17	17B0761-12	Fluorene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorobutadiene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorocyclopentadiene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Indeno(1,2,3-C,D)Pyrene		U		Y	4
LRB-01-2-16-17	17B0761-12	Isophorone		U		Y	4
LRB-01-2-16-17	17B0761-12	Naphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	Naphthalene-D8	40			Y	4
LRB-01-2-16-17	17B0761-12	Nitrobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Nitrobenzene-D5	79			Y	4
LRB-01-2-16-17	17B0761-12	N-Nitrosodimethylamine		U		Y	4
LRB-01-2-16-17	17B0761-12	N-Nitrosodi-N-Propylamine		U		Y	4
LRB-01-2-16-17	17B0761-12	N-Nitrosodiphenylamine		U		Y	4
LRB-01-2-16-17	17B0761-12	Pentachloronitrobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Pentachlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	Perylene-D12	40			Y	4
LRB-01-2-16-17	17B0761-12	Phenanthrene		U		Y	4
LRB-01-2-16-17	17B0761-12	Phenanthrene-D10	40			Y	4
LRB-01-2-16-17	17B0761-12	Phenol		U		Y	4
LRB-01-2-16-17	17B0761-12	Phenol-D6	35.5			Y	4
LRB-01-2-16-17	17B0761-12	Pyrene		U		Y	4
LRB-01-2-16-17	17B0761-12	Pyridine		U		Y	4
LRB-01-2-16-17	17B0761-12	Terphenyl-D14	91.2			Y	4
LRB-01-2-16-17	17B0761-12	Cyanide		U		Y	4
B170785-BLK1	B170785-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	88.6			Y	4
B170785-BLK1	B170785-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	84			Y	4
B170785-BLK1	B170785-BLK1	Alachlor		U		Y	4
B170785-BLK1	B170785-BLK1	Alachlor		U		Y	4
B170785-BLK1	B170785-BLK1	Aldrin		U		Y	4
B170785-BLK1	B170785-BLK1	Aldrin		U		Y	4
B170785-BLK1	B170785-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Alpha Endosulfan		U		Y	4
B170785-BLK1	B170785-BLK1	Alpha Endosulfan		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170785-BLK1	B170785-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Beta Endosulfan		U		Y	4
B170785-BLK1	B170785-BLK1	Beta Endosulfan		U		Y	4
B170785-BLK1	B170785-BLK1	Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	cis-Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	cis-Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	Decachlorobiphenyl (PCB 209)	83.8			Y	4
B170785-BLK1	B170785-BLK1	Decachlorobiphenyl (PCB 209)	79.4			Y	4
B170785-BLK1	B170785-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Dieldrin		U		Y	4
B170785-BLK1	B170785-BLK1	Dieldrin		U		Y	4
B170785-BLK1	B170785-BLK1	Endosulfan Sulfate		U		Y	4
B170785-BLK1	B170785-BLK1	Endosulfan Sulfate		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin Aldehyde		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin Aldehyde		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin Ketone		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin Ketone		U		Y	4
B170785-BLK1	B170785-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170785-BLK1	B170785-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170785-BLK1	B170785-BLK1	Heptachlor		U		Y	4
B170785-BLK1	B170785-BLK1	Heptachlor		U		Y	4
B170785-BLK1	B170785-BLK1	Heptachlor Epoxide		U		Y	4
B170785-BLK1	B170785-BLK1	Heptachlor Epoxide		U		Y	4
B170785-BLK1	B170785-BLK1	Hexachlorobenzene		U		Y	4
B170785-BLK1	B170785-BLK1	Hexachlorobenzene		U		Y	4
B170785-BLK1	B170785-BLK1	Methoxychlor		U		Y	4
B170785-BLK1	B170785-BLK1	Methoxychlor		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDD		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDD		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDE		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDE		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDT		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDT		U		Y	4
B170785-BLK1	B170785-BLK1	Toxaphene		U		Y	4
B170785-BLK1	B170785-BLK1	Toxaphene		U		Y	4
B170785-BLK1	B170785-BLK1	trans-Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	trans-Chlordane		U		Y	4
B170785-BS1	B170785-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89.2			Y	4
B170785-BS1	B170785-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	84.1			Y	4
B170785-BS1	B170785-BS1	Alachlor	1			Y	4
B170785-BS1	B170785-BS1	Alachlor	1			Y	4
B170785-BS1	B170785-BS1	Aldrin	0.88			Y	4
B170785-BS1	B170785-BS1	Aldrin	0.87			Y	4
B170785-BS1	B170785-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.88			Y	4
B170785-BS1	B170785-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.86			Y	4
B170785-BS1	B170785-BS1	Alpha Endosulfan	0.89			Y	4
B170785-BS1	B170785-BS1	Alpha Endosulfan	0.89			Y	4
B170785-BS1	B170785-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.87			Y	4
B170785-BS1	B170785-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.84			Y	4
B170785-BS1	B170785-BS1	Beta Endosulfan	0.9			Y	4
B170785-BS1	B170785-BS1	Beta Endosulfan	0.89			Y	4
B170785-BS1	B170785-BS1	Decachlorobiphenyl (PCB 209)	83.3			Y	4
B170785-BS1	B170785-BS1	Decachlorobiphenyl (PCB 209)	79.3			Y	4
B170785-BS1	B170785-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.93			Y	4
B170785-BS1	B170785-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.88			Y	4
B170785-BS1	B170785-BS1	Dieldrin	0.86			Y	4
B170785-BS1	B170785-BS1	Dieldrin	0.84			Y	4
B170785-BS1	B170785-BS1	Endosulfan Sulfate	0.91			Y	4
B170785-BS1	B170785-BS1	Endosulfan Sulfate	0.89			Y	4
B170785-BS1	B170785-BS1	Endrin	0.94			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170785-BS1	B170785-BS1	Endrin	0.93			Y	4
B170785-BS1	B170785-BS1	Endrin Aldehyde	0.87			Y	4
B170785-BS1	B170785-BS1	Endrin Aldehyde	0.86			Y	4
B170785-BS1	B170785-BS1	Endrin Ketone	0.94			Y	4
B170785-BS1	B170785-BS1	Endrin Ketone	0.91			Y	4
B170785-BS1	B170785-BS1	Gamma Bhc (Lindane)	0.91			Y	4
B170785-BS1	B170785-BS1	Gamma Bhc (Lindane)	0.89			Y	4
B170785-BS1	B170785-BS1	Heptachlor	0.86			Y	4
B170785-BS1	B170785-BS1	Heptachlor	0.87			Y	4
B170785-BS1	B170785-BS1	Heptachlor Epoxide	0.89			Y	4
B170785-BS1	B170785-BS1	Heptachlor Epoxide	0.87			Y	4
B170785-BS1	B170785-BS1	Hexachlorobenzene	0.88			Y	4
B170785-BS1	B170785-BS1	Hexachlorobenzene	0.83			Y	4
B170785-BS1	B170785-BS1	Methoxychlor	0.91			Y	4
B170785-BS1	B170785-BS1	Methoxychlor	0.88			Y	4
B170785-BS1	B170785-BS1	P,P'-DDD	0.94			Y	4
B170785-BS1	B170785-BS1	P,P'-DDD	0.9			Y	4
B170785-BS1	B170785-BS1	P,P'-DDE	0.91			Y	4
B170785-BS1	B170785-BS1	P,P'-DDE	0.9			Y	4
B170785-BS1	B170785-BS1	P,P'-DDT	0.91			Y	4
B170785-BS1	B170785-BS1	P,P'-DDT	0.87			Y	4
B170785-BSD1	B170785-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	88.9			Y	4
B170785-BSD1	B170785-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	82.8			Y	4
B170785-BSD1	B170785-BSD1	Alachlor	1			Y	4
B170785-BSD1	B170785-BSD1	Alachlor	0.99			Y	4
B170785-BSD1	B170785-BSD1	Aldrin	0.87			Y	4
B170785-BSD1	B170785-BSD1	Aldrin	0.86			Y	4
B170785-BSD1	B170785-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.89			Y	4
B170785-BSD1	B170785-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.86			Y	4
B170785-BSD1	B170785-BSD1	Alpha Endosulfan	0.87			Y	4
B170785-BSD1	B170785-BSD1	Alpha Endosulfan	0.87			Y	4
B170785-BSD1	B170785-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.86			Y	4
B170785-BSD1	B170785-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.83			Y	4
B170785-BSD1	B170785-BSD1	Beta Endosulfan	0.88			Y	4
B170785-BSD1	B170785-BSD1	Beta Endosulfan	0.86			Y	4
B170785-BSD1	B170785-BSD1	Decachlorobiphenyl (PCB 209)	81.7			Y	4
B170785-BSD1	B170785-BSD1	Decachlorobiphenyl (PCB 209)	77.7			Y	4
B170785-BSD1	B170785-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.92			Y	4
B170785-BSD1	B170785-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.86			Y	4
B170785-BSD1	B170785-BSD1	Dieldrin	0.84			Y	4
B170785-BSD1	B170785-BSD1	Dieldrin	0.82			Y	4
B170785-BSD1	B170785-BSD1	Endosulfan Sulfate	0.89			Y	4
B170785-BSD1	B170785-BSD1	Endosulfan Sulfate	0.87			Y	4
B170785-BSD1	B170785-BSD1	Endrin	0.92			Y	4
B170785-BSD1	B170785-BSD1	Endrin	0.91			Y	4
B170785-BSD1	B170785-BSD1	Endrin Aldehyde	0.86			Y	4
B170785-BSD1	B170785-BSD1	Endrin Aldehyde	0.84			Y	4
B170785-BSD1	B170785-BSD1	Endrin Ketone	0.91			Y	4
B170785-BSD1	B170785-BSD1	Endrin Ketone	0.89			Y	4
B170785-BSD1	B170785-BSD1	Gamma Bhc (Lindane)	0.91			Y	4
B170785-BSD1	B170785-BSD1	Gamma Bhc (Lindane)	0.88			Y	4
B170785-BSD1	B170785-BSD1	Heptachlor	0.86			Y	4
B170785-BSD1	B170785-BSD1	Heptachlor	0.87			Y	4
B170785-BSD1	B170785-BSD1	Heptachlor Epoxide	0.87			Y	4
B170785-BSD1	B170785-BSD1	Heptachlor Epoxide	0.85			Y	4
B170785-BSD1	B170785-BSD1	Hexachlorobenzene	0.87			Y	4
B170785-BSD1	B170785-BSD1	Hexachlorobenzene	0.83			Y	4
B170785-BSD1	B170785-BSD1	Methoxychlor	0.9			Y	4
B170785-BSD1	B170785-BSD1	Methoxychlor	0.87			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDD	0.92			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDD	0.88			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDE	0.9			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDE	0.88			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDT	0.9			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDT	0.85			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170787-BLK1	B170787-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	97.6			Y	4
B170787-BLK1	B170787-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	90.7			Y	4
B170787-BLK1	B170787-BLK1	Decachlorobiphenyl (PCB 209)	97.3			Y	4
B170787-BLK1	B170787-BLK1	Decachlorobiphenyl (PCB 209)	95.4			Y	4
B170787-BLK1	B170787-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170787-BS1	B170787-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	95			Y	4
B170787-BS1	B170787-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	87.9			Y	4
B170787-BS1	B170787-BS1	Decachlorobiphenyl (PCB 209)	93.3			Y	4
B170787-BS1	B170787-BS1	Decachlorobiphenyl (PCB 209)	91.5			Y	4
B170787-BS1	B170787-BS1	PCB-1016 (Aroclor 1016)	0.47			Y	4
B170787-BS1	B170787-BS1	PCB-1016 (Aroclor 1016)	0.46			Y	4
B170787-BS1	B170787-BS1	PCB-1260 (Aroclor 1260)	0.49			Y	4
B170787-BS1	B170787-BS1	PCB-1260 (Aroclor 1260)	0.46			Y	4
B170787-BSD1	B170787-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	95.1			Y	4
B170787-BSD1	B170787-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	87.8			Y	4
B170787-BSD1	B170787-BSD1	Decachlorobiphenyl (PCB 209)	59.3			Y	4
B170787-BSD1	B170787-BSD1	Decachlorobiphenyl (PCB 209)	57.7			Y	4
B170787-BSD1	B170787-BSD1	PCB-1016 (Aroclor 1016)	0.48			Y	4
B170787-BSD1	B170787-BSD1	PCB-1016 (Aroclor 1016)	0.47			Y	4
B170787-BSD1	B170787-BSD1	PCB-1260 (Aroclor 1260)	0.5			Y	4
B170787-BSD1	B170787-BSD1	PCB-1260 (Aroclor 1260)	0.47			Y	4
B170788-BLK1	B170788-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	87.9			Y	4
B170788-BLK1	B170788-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	87.6			Y	4
B170788-BLK1	B170788-BLK1	Alachlor		U		Y	4
B170788-BLK1	B170788-BLK1	Alachlor		U		Y	4
B170788-BLK1	B170788-BLK1	Aldrin		U		Y	4
B170788-BLK1	B170788-BLK1	Aldrin		U		Y	4
B170788-BLK1	B170788-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Alpha Endosulfan		U		Y	4
B170788-BLK1	B170788-BLK1	Alpha Endosulfan		U		Y	4
B170788-BLK1	B170788-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Beta Endosulfan		U		Y	4
B170788-BLK1	B170788-BLK1	Beta Endosulfan		U		Y	4
B170788-BLK1	B170788-BLK1	Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	cis-Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	cis-Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	Decachlorobiphenyl (PCB 209)	90.5			Y	4
B170788-BLK1	B170788-BLK1	Decachlorobiphenyl (PCB 209)	90.9			Y	4
B170788-BLK1	B170788-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Dieldrin		U		Y	4
B170788-BLK1	B170788-BLK1	Dieldrin		U		Y	4
B170788-BLK1	B170788-BLK1	Endosulfan Sulfate		U		Y	4
B170788-BLK1	B170788-BLK1	Endosulfan Sulfate		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170788-BLK1	B170788-BLK1	Endrin		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin Aldehyde		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin Aldehyde		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin Ketone		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin Ketone		U		Y	4
B170788-BLK1	B170788-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170788-BLK1	B170788-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170788-BLK1	B170788-BLK1	Heptachlor		U		Y	4
B170788-BLK1	B170788-BLK1	Heptachlor		U		Y	4
B170788-BLK1	B170788-BLK1	Heptachlor Epoxide		U		Y	4
B170788-BLK1	B170788-BLK1	Heptachlor Epoxide		U		Y	4
B170788-BLK1	B170788-BLK1	Hexachlorobenzene		U		Y	4
B170788-BLK1	B170788-BLK1	Hexachlorobenzene		U		Y	4
B170788-BLK1	B170788-BLK1	Methoxychlor		U		Y	4
B170788-BLK1	B170788-BLK1	Methoxychlor		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDD		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDD		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDE		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDE		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDT		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDT		U		Y	4
B170788-BLK1	B170788-BLK1	Toxaphene		U		Y	4
B170788-BLK1	B170788-BLK1	Toxaphene		U		Y	4
B170788-BLK1	B170788-BLK1	trans-Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	trans-Chlordane		U		Y	4
B170788-BS1	B170788-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89			Y	4
B170788-BS1	B170788-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	87.8			Y	4
B170788-BS1	B170788-BS1	Alachlor	0.1			Y	4
B170788-BS1	B170788-BS1	Alachlor	0.1			Y	4
B170788-BS1	B170788-BS1	Aldrin	0.089			Y	4
B170788-BS1	B170788-BS1	Aldrin	0.089			Y	4
B170788-BS1	B170788-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.082			Y	4
B170788-BS1	B170788-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.082			Y	4
B170788-BS1	B170788-BS1	Alpha Endosulfan	0.078			Y	4
B170788-BS1	B170788-BS1	Alpha Endosulfan	0.08			Y	4
B170788-BS1	B170788-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.086			Y	4
B170788-BS1	B170788-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.088			Y	4
B170788-BS1	B170788-BS1	Beta Endosulfan	0.083			Y	4
B170788-BS1	B170788-BS1	Beta Endosulfan	0.085			Y	4
B170788-BS1	B170788-BS1	cis-Chlordane	0.09			Y	4
B170788-BS1	B170788-BS1	cis-Chlordane	0.092			Y	4
B170788-BS1	B170788-BS1	Decachlorobiphenyl (PCB 209)	94.7			Y	4
B170788-BS1	B170788-BS1	Decachlorobiphenyl (PCB 209)	95.2			Y	4
B170788-BS1	B170788-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.056			Y	4
B170788-BS1	B170788-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.057			Y	4
B170788-BS1	B170788-BS1	Dieldrin	0.089			Y	4
B170788-BS1	B170788-BS1	Dieldrin	0.087			Y	4
B170788-BS1	B170788-BS1	Endosulfan Sulfate	0.091			Y	4
B170788-BS1	B170788-BS1	Endosulfan Sulfate	0.089			Y	4
B170788-BS1	B170788-BS1	Endrin	0.089			Y	4
B170788-BS1	B170788-BS1	Endrin	0.091			Y	4
B170788-BS1	B170788-BS1	Endrin Aldehyde	0.085			Y	4
B170788-BS1	B170788-BS1	Endrin Aldehyde	0.086			Y	4
B170788-BS1	B170788-BS1	Endrin Ketone	0.096			Y	4
B170788-BS1	B170788-BS1	Endrin Ketone	0.097			Y	4
B170788-BS1	B170788-BS1	Gamma Bhc (Lindane)	0.085			Y	4
B170788-BS1	B170788-BS1	Gamma Bhc (Lindane)	0.085			Y	4
B170788-BS1	B170788-BS1	Heptachlor	0.085			Y	4
B170788-BS1	B170788-BS1	Heptachlor	0.089			Y	4
B170788-BS1	B170788-BS1	Heptachlor Epoxide	0.087			Y	4
B170788-BS1	B170788-BS1	Heptachlor Epoxide	0.088			Y	4
B170788-BS1	B170788-BS1	Hexachlorobenzene	0.087			Y	4
B170788-BS1	B170788-BS1	Hexachlorobenzene	0.088			Y	4
B170788-BS1	B170788-BS1	Methoxychlor	0.086			Y	4
B170788-BS1	B170788-BS1	Methoxychlor	0.091			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170788-BS1	B170788-BS1	P,P'-DDD	0.096			Y	4
B170788-BS1	B170788-BS1	P,P'-DDD	0.095			Y	4
B170788-BS1	B170788-BS1	P,P'-DDE	0.097			Y	4
B170788-BS1	B170788-BS1	P,P'-DDE	0.095			Y	4
B170788-BS1	B170788-BS1	P,P'-DDT	0.089			Y	4
B170788-BS1	B170788-BS1	P,P'-DDT	0.085			Y	4
B170788-BS1	B170788-BS1	trans-Chlordane	0.087			Y	4
B170788-BS1	B170788-BS1	trans-Chlordane	0.094			Y	4
B170788-BSD1	B170788-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	88.3			Y	4
B170788-BSD1	B170788-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	87.3			Y	4
B170788-BSD1	B170788-BSD1	Alachlor	0.1			Y	4
B170788-BSD1	B170788-BSD1	Alachlor	0.098			Y	4
B170788-BSD1	B170788-BSD1	Aldrin	0.088			Y	4
B170788-BSD1	B170788-BSD1	Aldrin	0.088			Y	4
B170788-BSD1	B170788-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.075			Y	4
B170788-BSD1	B170788-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.075			Y	4
B170788-BSD1	B170788-BSD1	Alpha Endosulfan	0.071			Y	4
B170788-BSD1	B170788-BSD1	Alpha Endosulfan	0.074			Y	4
B170788-BSD1	B170788-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.083			Y	4
B170788-BSD1	B170788-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.086			Y	4
B170788-BSD1	B170788-BSD1	Beta Endosulfan	0.077			Y	4
B170788-BSD1	B170788-BSD1	Beta Endosulfan	0.078			Y	4
B170788-BSD1	B170788-BSD1	cis-Chlordane	0.088			Y	4
B170788-BSD1	B170788-BSD1	cis-Chlordane	0.09			Y	4
B170788-BSD1	B170788-BSD1	Decachlorobiphenyl (PCB 209)	93.3			Y	4
B170788-BSD1	B170788-BSD1	Decachlorobiphenyl (PCB 209)	93.9			Y	4
B170788-BSD1	B170788-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.047			Y	4
B170788-BSD1	B170788-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.048			Y	4
B170788-BSD1	B170788-BSD1	Dieldrin	0.087			Y	4
B170788-BSD1	B170788-BSD1	Dieldrin	0.085			Y	4
B170788-BSD1	B170788-BSD1	Endosulfan Sulfate	0.087			Y	4
B170788-BSD1	B170788-BSD1	Endosulfan Sulfate	0.085			Y	4
B170788-BSD1	B170788-BSD1	Endrin	0.087			Y	4
B170788-BSD1	B170788-BSD1	Endrin	0.089			Y	4
B170788-BSD1	B170788-BSD1	Endrin Aldehyde	0.083			Y	4
B170788-BSD1	B170788-BSD1	Endrin Aldehyde	0.085			Y	4
B170788-BSD1	B170788-BSD1	Endrin Ketone	0.094			Y	4
B170788-BSD1	B170788-BSD1	Endrin Ketone	0.095			Y	4
B170788-BSD1	B170788-BSD1	Gamma Bhc (Lindane)	0.078			Y	4
B170788-BSD1	B170788-BSD1	Gamma Bhc (Lindane)	0.079			Y	4
B170788-BSD1	B170788-BSD1	Heptachlor	0.083			Y	4
B170788-BSD1	B170788-BSD1	Heptachlor	0.087			Y	4
B170788-BSD1	B170788-BSD1	Heptachlor Epoxide	0.085			Y	4
B170788-BSD1	B170788-BSD1	Heptachlor Epoxide	0.085			Y	4
B170788-BSD1	B170788-BSD1	Hexachlorobenzene	0.085			Y	4
B170788-BSD1	B170788-BSD1	Hexachlorobenzene	0.087			Y	4
B170788-BSD1	B170788-BSD1	Methoxychlor	0.084			Y	4
B170788-BSD1	B170788-BSD1	Methoxychlor	0.09			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDD	0.094			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDD	0.095			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDE	0.096			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDE	0.095			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDT	0.086			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDT	0.083			Y	4
B170788-BSD1	B170788-BSD1	trans-Chlordane	0.085			Y	4
B170788-BSD1	B170788-BSD1	trans-Chlordane	0.092			Y	4
B170789-BLK1	B170789-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	94.3			Y	4
B170789-BLK1	B170789-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	83.5			Y	4
B170789-BLK1	B170789-BLK1	Decachlorobiphenyl (PCB 209)	94.4			Y	4
B170789-BLK1	B170789-BLK1	Decachlorobiphenyl (PCB 209)	89.1			Y	4
B170789-BLK1	B170789-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170789-BLK1	B170789-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170789-BS1	B170789-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	87.2			Y	4
B170789-BS1	B170789-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	77.8			Y	4
B170789-BS1	B170789-BS1	Decachlorobiphenyl (PCB 209)	93.5			Y	4
B170789-BS1	B170789-BS1	Decachlorobiphenyl (PCB 209)	88.5			Y	4
B170789-BS1	B170789-BS1	PCB-1016 (Aroclor 1016)	0.15			Y	4
B170789-BS1	B170789-BS1	PCB-1016 (Aroclor 1016)	0.15			Y	4
B170789-BS1	B170789-BS1	PCB-1260 (Aroclor 1260)	0.16			Y	4
B170789-BS1	B170789-BS1	PCB-1260 (Aroclor 1260)	0.16			Y	4
B170789-BSD1	B170789-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	94			Y	4
B170789-BSD1	B170789-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	84.1			Y	4
B170789-BSD1	B170789-BSD1	Decachlorobiphenyl (PCB 209)	92.5			Y	4
B170789-BSD1	B170789-BSD1	Decachlorobiphenyl (PCB 209)	87.5			Y	4
B170789-BSD1	B170789-BSD1	PCB-1016 (Aroclor 1016)	0.16			Y	4
B170789-BSD1	B170789-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	4
B170789-BSD1	B170789-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	4
B170789-BSD1	B170789-BSD1	PCB-1260 (Aroclor 1260)	0.16			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	80.4			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	74.4			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	Decachlorobiphenyl (PCB 209)	63.9			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	Decachlorobiphenyl (PCB 209)	55.7			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	PCB-1016 (Aroclor 1016)	0.18	D		Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	PCB-1016 (Aroclor 1016)	0.3	D		Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	PCB-1260 (Aroclor 1260)	0.58	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	PCB-1260 (Aroclor 1260)	0.44	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	78.9			Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	74.4			Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	Decachlorobiphenyl (PCB 209)	61.6			Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	Decachlorobiphenyl (PCB 209)	56.6			Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	PCB-1016 (Aroclor 1016)	0.18	D		Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	PCB-1016 (Aroclor 1016)	0.35	D		Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	PCB-1260 (Aroclor 1260)	0.76	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	PCB-1260 (Aroclor 1260)	0.56	D	J	Y	4
B170795-BLK1	B170795-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,2-Dichlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,2-Diphenylhydrazine		U		Y	4
B170795-BLK1	B170795-BLK1	1,3-Dichlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,4-Dichlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,4-Dichlorobenzene-D4	40			Y	4
B170795-BLK1	B170795-BLK1	1-Methylnaphthalene		U		Y	4
B170795-BLK1	B170795-BLK1	2,4,5-Trichlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4,6-Tribromophenol	105			Y	4
B170795-BLK1	B170795-BLK1	2,4,6-Trichlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4-Dichlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4-Dimethylphenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4-Dinitrophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4-Dinitrotoluene		U		Y	4
B170795-BLK1	B170795-BLK1	2,6-Dinitrotoluene		U		Y	4
B170795-BLK1	B170795-BLK1	2-Chloronaphthalene		U		Y	4
B170795-BLK1	B170795-BLK1	2-Chlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2-Fluorobiphenyl	101			Y	4
B170795-BLK1	B170795-BLK1	2-Fluorophenol	56.5			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170795-BLK1	B170795-BLK1	2-Methylnaphthalene		U		Y	4
B170795-BLK1	B170795-BLK1	2-Methylphenol (O-Cresol)		U		Y	4
B170795-BLK1	B170795-BLK1	2-Nitroaniline		U		Y	4
B170795-BLK1	B170795-BLK1	2-Nitrophenol		U		Y	4
B170795-BLK1	B170795-BLK1	3- And 4- Methylphenol (Total)		U		Y	4
B170795-BLK1	B170795-BLK1	3,3'-Dichlorobenzidine		U		Y	4
B170795-BLK1	B170795-BLK1	3-Nitroaniline		U		Y	4
B170795-BLK1	B170795-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	4
B170795-BLK1	B170795-BLK1	4-Bromophenyl Phenyl Ether		U		Y	4
B170795-BLK1	B170795-BLK1	4-Chloro-3-Methylphenol		U		Y	4
B170795-BLK1	B170795-BLK1	4-Chloroaniline		U		Y	4
B170795-BLK1	B170795-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	4
B170795-BLK1	B170795-BLK1	4-Nitroaniline		U		Y	4
B170795-BLK1	B170795-BLK1	4-Nitrophenol		U		Y	4
B170795-BLK1	B170795-BLK1	Acenaphthene		U		Y	4
B170795-BLK1	B170795-BLK1	Acenaphthene-D10	40			Y	4
B170795-BLK1	B170795-BLK1	Acenaphthylene		U		Y	4
B170795-BLK1	B170795-BLK1	Acetophenone		U		Y	4
B170795-BLK1	B170795-BLK1	Aniline		U		Y	4
B170795-BLK1	B170795-BLK1	Anthracene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzidine		U	UJ	Y	4
B170795-BLK1	B170795-BLK1	Benzo(A)Anthracene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzo(A)Pyrene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzo(B)Fluoranthene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzo(G,H,I)Perylene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzo(K)Fluoranthene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzoic Acid		U		Y	4
B170795-BLK1	B170795-BLK1	Benzyl Butyl Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	4
B170795-BLK1	B170795-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
B170795-BLK1	B170795-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	4
B170795-BLK1	B170795-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Carbazole		U		Y	4
B170795-BLK1	B170795-BLK1	Chrysene		U		Y	4
B170795-BLK1	B170795-BLK1	Chrysene-D12	40			Y	4
B170795-BLK1	B170795-BLK1	Dibenz(A,H)Anthracene		U		Y	4
B170795-BLK1	B170795-BLK1	Dibenzofuran		U		Y	4
B170795-BLK1	B170795-BLK1	Diethyl Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Dimethyl Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Di-N-Butyl Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Di-N-Octylphthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Fluoranthene		U		Y	4
B170795-BLK1	B170795-BLK1	Fluorene		U		Y	4
B170795-BLK1	B170795-BLK1	Hexachlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	Hexachlorobutadiene		U		Y	4
B170795-BLK1	B170795-BLK1	Hexachlorocyclopentadiene		U		Y	4
B170795-BLK1	B170795-BLK1	Hexachloroethane		U		Y	4
B170795-BLK1	B170795-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	4
B170795-BLK1	B170795-BLK1	Isophorone		U		Y	4
B170795-BLK1	B170795-BLK1	Naphthalene		U		Y	4
B170795-BLK1	B170795-BLK1	Naphthalene-D8	40			Y	4
B170795-BLK1	B170795-BLK1	Nitrobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	Nitrobenzene-D5	88.2			Y	4
B170795-BLK1	B170795-BLK1	N-Nitrosodimethylamine		U		Y	4
B170795-BLK1	B170795-BLK1	N-Nitrosodi-N-Propylamine		U		Y	4
B170795-BLK1	B170795-BLK1	N-Nitrosodiphenylamine		U		Y	4
B170795-BLK1	B170795-BLK1	Pentachloronitrobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	Pentachlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	Perylene-D12	40			Y	4
B170795-BLK1	B170795-BLK1	Phenanthrene		U		Y	4
B170795-BLK1	B170795-BLK1	Phenanthrene-D10	40			Y	4
B170795-BLK1	B170795-BLK1	Phenol		U		Y	4
B170795-BLK1	B170795-BLK1	Phenol-D6	39.3			Y	4
B170795-BLK1	B170795-BLK1	Pyrene		U		Y	4
B170795-BLK1	B170795-BLK1	Pyridine		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170795-BLK1	B170795-BLK1	Terphenyl-D14	96.2			Y	4
B170795-BS1	B170795-BS1	1,2,4,5-Tetrachlorobenzene	94			Y	4
B170795-BS1	B170795-BS1	1,2,4-Trichlorobenzene	81.5			Y	4
B170795-BS1	B170795-BS1	1,2-Dichlorobenzene	77			Y	4
B170795-BS1	B170795-BS1	1,2-Diphenylhydrazine	98.3			Y	4
B170795-BS1	B170795-BS1	1,3-Dichlorobenzene	74.9			Y	4
B170795-BS1	B170795-BS1	1,4-Dichlorobenzene	75			Y	4
B170795-BS1	B170795-BS1	1,4-Dichlorobenzene-D4	40			Y	4
B170795-BS1	B170795-BS1	1-Methylnaphthalene	82.9			Y	4
B170795-BS1	B170795-BS1	2,4,5-Trichlorophenol	97.7			Y	4
B170795-BS1	B170795-BS1	2,4,6-Tribromophenol	117			Y	4
B170795-BS1	B170795-BS1	2,4,6-Trichlorophenol	99.8			Y	4
B170795-BS1	B170795-BS1	2,4-Dichlorophenol	83.3			Y	4
B170795-BS1	B170795-BS1	2,4-Dimethylphenol	75.7			Y	4
B170795-BS1	B170795-BS1	2,4-Dinitrophenol	76			Y	4
B170795-BS1	B170795-BS1	2,4-Dinitrotoluene	98.7			Y	4
B170795-BS1	B170795-BS1	2,6-Dinitrotoluene	104			Y	4
B170795-BS1	B170795-BS1	2-Chloronaphthalene	85.9			Y	4
B170795-BS1	B170795-BS1	2-Chlorophenol	78.4			Y	4
B170795-BS1	B170795-BS1	2-Fluorobiphenyl	104			Y	4
B170795-BS1	B170795-BS1	2-Fluorophenol	57.3			Y	4
B170795-BS1	B170795-BS1	2-Methylnaphthalene	89.4			Y	4
B170795-BS1	B170795-BS1	2-Methylphenol (O-Cresol)	73.8			Y	4
B170795-BS1	B170795-BS1	2-Nitroaniline	101			Y	4
B170795-BS1	B170795-BS1	2-Nitrophenol	82.6			Y	4
B170795-BS1	B170795-BS1	3- And 4- Methylphenol (Total)	73			Y	4
B170795-BS1	B170795-BS1	3,3'-Dichlorobenzidine	85.5			Y	4
B170795-BS1	B170795-BS1	3-Nitroaniline	76.7			Y	4
B170795-BS1	B170795-BS1	4,6-Dinitro-2-Methylphenol	77.7			Y	4
B170795-BS1	B170795-BS1	4-Bromophenyl Phenyl Ether	94.9			Y	4
B170795-BS1	B170795-BS1	4-Chloro-3-Methylphenol	87.3			Y	4
B170795-BS1	B170795-BS1	4-Chloroaniline	50.7			Y	4
B170795-BS1	B170795-BS1	4-Chlorophenyl Phenyl Ether	105			Y	4
B170795-BS1	B170795-BS1	4-Nitroaniline	104			Y	4
B170795-BS1	B170795-BS1	4-Nitrophenol	58.6			Y	4
B170795-BS1	B170795-BS1	Acenaphthene	90			Y	4
B170795-BS1	B170795-BS1	Acenaphthene-D10	40			Y	4
B170795-BS1	B170795-BS1	Acenaphthylene	93.8			Y	4
B170795-BS1	B170795-BS1	Acetophenone	86.2			Y	4
B170795-BS1	B170795-BS1	Aniline	50.4			Y	4
B170795-BS1	B170795-BS1	Anthracene	87.4			Y	4
B170795-BS1	B170795-BS1	Benzidine		U	UJ	Y	4
B170795-BS1	B170795-BS1	Benzo(A)Anthracene	93.7			Y	4
B170795-BS1	B170795-BS1	Benzo(A)Pyrene	90.2			Y	4
B170795-BS1	B170795-BS1	Benzo(B)Fluoranthene	88.4			Y	4
B170795-BS1	B170795-BS1	Benzo(G,H,I)Perylene	79.3			Y	4
B170795-BS1	B170795-BS1	Benzo(K)Fluoranthene	90.9			Y	4
B170795-BS1	B170795-BS1	Benzoic Acid	37.2			Y	4
B170795-BS1	B170795-BS1	Benzyl Butyl Phthalate	99.1			Y	4
B170795-BS1	B170795-BS1	Bis(2-Chloroethoxy) Methane	95.7			Y	4
B170795-BS1	B170795-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	101			Y	4
B170795-BS1	B170795-BS1	Bis(2-Chloroisopropyl) Ether	91.2			Y	4
B170795-BS1	B170795-BS1	Bis(2-Ethylhexyl) Phthalate	107			Y	4
B170795-BS1	B170795-BS1	Carbazole	84.8			Y	4
B170795-BS1	B170795-BS1	Chrysene	89.3			Y	4
B170795-BS1	B170795-BS1	Chrysene-D12	40			Y	4
B170795-BS1	B170795-BS1	Dibenz(A,H)Anthracene	91.4			Y	4
B170795-BS1	B170795-BS1	Dibenzofuran	101			Y	4
B170795-BS1	B170795-BS1	Diethyl Phthalate	107			Y	4
B170795-BS1	B170795-BS1	Dimethyl Phthalate	100			Y	4
B170795-BS1	B170795-BS1	Di-N-Butyl Phthalate	96.7			Y	4
B170795-BS1	B170795-BS1	Di-N-Octylphthalate	101			Y	4
B170795-BS1	B170795-BS1	Fluoranthene	84.8			Y	4
B170795-BS1	B170795-BS1	Fluorene	96.9			Y	4
B170795-BS1	B170795-BS1	Hexachlorobenzene	93.6			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170795-BS1	B170795-BS1	Hexachlorobutadiene	84.8			Y	4
B170795-BS1	B170795-BS1	Hexachlorocyclopentadiene	71.1			Y	4
B170795-BS1	B170795-BS1	Hexachloroethane	76.6			Y	4
B170795-BS1	B170795-BS1	Indeno(1,2,3-C,D)Pyrene	87			Y	4
B170795-BS1	B170795-BS1	Isophorone	91.4			Y	4
B170795-BS1	B170795-BS1	Naphthalene	81			Y	4
B170795-BS1	B170795-BS1	Naphthalene-D8	40			Y	4
B170795-BS1	B170795-BS1	Nitrobenzene	84			Y	4
B170795-BS1	B170795-BS1	Nitrobenzene-D5	88.5			Y	4
B170795-BS1	B170795-BS1	N-Nitrosodimethylamine	57.3			Y	4
B170795-BS1	B170795-BS1	N-Nitrosodi-N-Propylamine	90.4			Y	4
B170795-BS1	B170795-BS1	N-Nitrosodiphenylamine	118			Y	4
B170795-BS1	B170795-BS1	Pentachloronitrobenzene	97.3			Y	4
B170795-BS1	B170795-BS1	Pentachlorophenol	77			Y	4
B170795-BS1	B170795-BS1	Perylene-D12	40			Y	4
B170795-BS1	B170795-BS1	Phenanthrene	87.2			Y	4
B170795-BS1	B170795-BS1	Phenanthrene-D10	40			Y	4
B170795-BS1	B170795-BS1	Phenol	42.6			Y	4
B170795-BS1	B170795-BS1	Phenol-D6	41.8			Y	4
B170795-BS1	B170795-BS1	Pyrene	81.4			Y	4
B170795-BS1	B170795-BS1	Pyridine	41.5			Y	4
B170795-BS1	B170795-BS1	Terphenyl-D14	94.8			Y	4
B170795-BSD1	B170795-BSD1	1,2,4,5-Tetrachlorobenzene	91.8			Y	4
B170795-BSD1	B170795-BSD1	1,2,4-Trichlorobenzene	79.2			Y	4
B170795-BSD1	B170795-BSD1	1,2-Dichlorobenzene	75.7			Y	4
B170795-BSD1	B170795-BSD1	1,2-Diphenylhydrazine	92.4			Y	4
B170795-BSD1	B170795-BSD1	1,3-Dichlorobenzene	72.6			Y	4
B170795-BSD1	B170795-BSD1	1,4-Dichlorobenzene	73.2			Y	4
B170795-BSD1	B170795-BSD1	1,4-Dichlorobenzene-D4	40			Y	4
B170795-BSD1	B170795-BSD1	1-Methylnaphthalene	79.7			Y	4
B170795-BSD1	B170795-BSD1	2,4,5-Trichlorophenol	97.2			Y	4
B170795-BSD1	B170795-BSD1	2,4,6-Tribromophenol	116			Y	4
B170795-BSD1	B170795-BSD1	2,4,6-Trichlorophenol	98.1			Y	4
B170795-BSD1	B170795-BSD1	2,4-Dichlorophenol	80.7			Y	4
B170795-BSD1	B170795-BSD1	2,4-Dimethylphenol	71.8			Y	4
B170795-BSD1	B170795-BSD1	2,4-Dinitrophenol	75.4			Y	4
B170795-BSD1	B170795-BSD1	2,4-Dinitrotoluene	101			Y	4
B170795-BSD1	B170795-BSD1	2,6-Dinitrotoluene	103			Y	4
B170795-BSD1	B170795-BSD1	2-Chloronaphthalene	84.9			Y	4
B170795-BSD1	B170795-BSD1	2-Chlorophenol	76.7			Y	4
B170795-BSD1	B170795-BSD1	2-Fluorobiphenyl	99.1			Y	4
B170795-BSD1	B170795-BSD1	2-Fluorophenol	56.5			Y	4
B170795-BSD1	B170795-BSD1	2-Methylnaphthalene	88.1			Y	4
B170795-BSD1	B170795-BSD1	2-Methylphenol (O-Cresol)	71.7			Y	4
B170795-BSD1	B170795-BSD1	2-Nitroaniline	98			Y	4
B170795-BSD1	B170795-BSD1	2-Nitrophenol	80.6			Y	4
B170795-BSD1	B170795-BSD1	3- And 4- Methylphenol (Total)	71.8			Y	4
B170795-BSD1	B170795-BSD1	3,3'-Dichlorobenzidine	69.1			Y	4
B170795-BSD1	B170795-BSD1	3-Nitroaniline	69.5			Y	4
B170795-BSD1	B170795-BSD1	4,6-Dinitro-2-Methylphenol	78.2			Y	4
B170795-BSD1	B170795-BSD1	4-Bromophenyl Phenyl Ether	91			Y	4
B170795-BSD1	B170795-BSD1	4-Chloro-3-Methylphenol	86			Y	4
B170795-BSD1	B170795-BSD1	4-Chloroaniline	47.2			Y	4
B170795-BSD1	B170795-BSD1	4-Chlorophenyl Phenyl Ether	102			Y	4
B170795-BSD1	B170795-BSD1	4-Nitroaniline	108			Y	4
B170795-BSD1	B170795-BSD1	4-Nitrophenol	63.6			Y	4
B170795-BSD1	B170795-BSD1	Acenaphthene	87.7			Y	4
B170795-BSD1	B170795-BSD1	Acenaphthene-D10	40			Y	4
B170795-BSD1	B170795-BSD1	Acenaphthylene	92			Y	4
B170795-BSD1	B170795-BSD1	Acetophenone	82.9			Y	4
B170795-BSD1	B170795-BSD1	Aniline	45.4			Y	4
B170795-BSD1	B170795-BSD1	Anthracene	85.6			Y	4
B170795-BSD1	B170795-BSD1	Benzidine	21.3		J	Y	4
B170795-BSD1	B170795-BSD1	Benzo(A)Anthracene	89.6			Y	4
B170795-BSD1	B170795-BSD1	Benzo(A)Pyrene	86.1			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170795-BSD1	B170795-BSD1	Benzo(B)Fluoranthene	85.6			Y	4
B170795-BSD1	B170795-BSD1	Benzo(G,H,I)Perylene	76.5			Y	4
B170795-BSD1	B170795-BSD1	Benzo(K)Fluoranthene	89.3			Y	4
B170795-BSD1	B170795-BSD1	Benzoic Acid	39.6			Y	4
B170795-BSD1	B170795-BSD1	Benzyl Butyl Phthalate	98.2			Y	4
B170795-BSD1	B170795-BSD1	Bis(2-Chloroethoxy) Methane	90.4			Y	4
B170795-BSD1	B170795-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	98.8			Y	4
B170795-BSD1	B170795-BSD1	Bis(2-Chloroisopropyl) Ether	87.3			Y	4
B170795-BSD1	B170795-BSD1	Bis(2-Ethylhexyl) Phthalate	106			Y	4
B170795-BSD1	B170795-BSD1	Carbazole	85.3			Y	4
B170795-BSD1	B170795-BSD1	Chrysene	85.1			Y	4
B170795-BSD1	B170795-BSD1	Chrysene-D12	40			Y	4
B170795-BSD1	B170795-BSD1	Dibenz(A,H)Anthracene	87			Y	4
B170795-BSD1	B170795-BSD1	Dibenzofuran	97.7			Y	4
B170795-BSD1	B170795-BSD1	Diethyl Phthalate	103			Y	4
B170795-BSD1	B170795-BSD1	Dimethyl Phthalate	97.3			Y	4
B170795-BSD1	B170795-BSD1	Di-N-Butyl Phthalate	93.8			Y	4
B170795-BSD1	B170795-BSD1	Di-N-Octylphthalate	101			Y	4
B170795-BSD1	B170795-BSD1	Fluoranthene	83.4			Y	4
B170795-BSD1	B170795-BSD1	Fluorene	93.6			Y	4
B170795-BSD1	B170795-BSD1	Hexachlorobenzene	90.2			Y	4
B170795-BSD1	B170795-BSD1	Hexachlorobutadiene	82.5			Y	4
B170795-BSD1	B170795-BSD1	Hexachlorocyclopentadiene	68.8			Y	4
B170795-BSD1	B170795-BSD1	Hexachloroethane	75.3			Y	4
B170795-BSD1	B170795-BSD1	Indeno(1,2,3-C,D)Pyrene	85.5			Y	4
B170795-BSD1	B170795-BSD1	Isophorone	87.6			Y	4
B170795-BSD1	B170795-BSD1	Naphthalene	78.6			Y	4
B170795-BSD1	B170795-BSD1	Naphthalene-D8	40			Y	4
B170795-BSD1	B170795-BSD1	Nitrobenzene	80.4			Y	4
B170795-BSD1	B170795-BSD1	Nitrobenzene-D5	84			Y	4
B170795-BSD1	B170795-BSD1	N-Nitrosodimethylamine	56.4			Y	4
B170795-BSD1	B170795-BSD1	N-Nitrosodi-N-Propylamine	86.2			Y	4
B170795-BSD1	B170795-BSD1	N-Nitrosodiphenylamine	113			Y	4
B170795-BSD1	B170795-BSD1	Pentachloronitrobenzene	95.5			Y	4
B170795-BSD1	B170795-BSD1	Pentachlorophenol	75.2			Y	4
B170795-BSD1	B170795-BSD1	Perylene-D12	40			Y	4
B170795-BSD1	B170795-BSD1	Phenanthrene	85.5			Y	4
B170795-BSD1	B170795-BSD1	Phenanthrene-D10	40			Y	4
B170795-BSD1	B170795-BSD1	Phenol	37.8			Y	4
B170795-BSD1	B170795-BSD1	Phenol-D6	41.4			Y	4
B170795-BSD1	B170795-BSD1	Pyrene	82.8			Y	4
B170795-BSD1	B170795-BSD1	Pyridine	46			Y	4
B170795-BSD1	B170795-BSD1	Terphenyl-D14	96.1			Y	4
B170805-BLK1	B170805-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,2-Dichlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,2-Diphenylhydrazine		U		Y	4
B170805-BLK1	B170805-BLK1	1,3-Dichlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,4-Dichlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,4-Dichlorobenzene-D4	1.3			Y	4
B170805-BLK1	B170805-BLK1	1-Methylnaphthalene		U		Y	4
B170805-BLK1	B170805-BLK1	2,4,5-Trichlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4,6-Tribromophenol	78.7			Y	4
B170805-BLK1	B170805-BLK1	2,4,6-Trichlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4-Dichlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4-Dimethylphenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4-Dinitrophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4-Dinitrotoluene		U		Y	4
B170805-BLK1	B170805-BLK1	2,6-Dinitrotoluene		U		Y	4
B170805-BLK1	B170805-BLK1	2-Chloronaphthalene		U		Y	4
B170805-BLK1	B170805-BLK1	2-Chlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2-Fluorobiphenyl	78.4			Y	4
B170805-BLK1	B170805-BLK1	2-Fluorophenol	74.3			Y	4
B170805-BLK1	B170805-BLK1	2-Methylnaphthalene		U		Y	4
B170805-BLK1	B170805-BLK1	2-Methylphenol (O-Cresol)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170805-BLK1	B170805-BLK1	2-Nitroaniline		U		Y	4
B170805-BLK1	B170805-BLK1	2-Nitrophenol		U		Y	4
B170805-BLK1	B170805-BLK1	3- And 4- Methylphenol (Total)		U		Y	4
B170805-BLK1	B170805-BLK1	3,3'-Dichlorobenzidine		U		Y	4
B170805-BLK1	B170805-BLK1	3-Nitroaniline		U		Y	4
B170805-BLK1	B170805-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	4
B170805-BLK1	B170805-BLK1	4-Bromophenyl Phenyl Ether		U		Y	4
B170805-BLK1	B170805-BLK1	4-Chloro-3-Methylphenol		U		Y	4
B170805-BLK1	B170805-BLK1	4-Chloroaniline		U		Y	4
B170805-BLK1	B170805-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	4
B170805-BLK1	B170805-BLK1	4-Nitroaniline		U		Y	4
B170805-BLK1	B170805-BLK1	4-Nitrophenol		U		Y	4
B170805-BLK1	B170805-BLK1	Acenaphthene		U		Y	4
B170805-BLK1	B170805-BLK1	Acenaphthene-D10	1.3			Y	4
B170805-BLK1	B170805-BLK1	Acenaphthylene		U		Y	4
B170805-BLK1	B170805-BLK1	Acetophenone		U		Y	4
B170805-BLK1	B170805-BLK1	Aniline		U		Y	4
B170805-BLK1	B170805-BLK1	Anthracene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzidine		U	UU	Y	4
B170805-BLK1	B170805-BLK1	Benzo(A)Anthracene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzo(A)Pyrene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzo(B)Fluoranthene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzo(G,H,I)Perylene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzo(K)Fluoranthene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzoic Acid		U		Y	4
B170805-BLK1	B170805-BLK1	Benzyl Butyl Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	4
B170805-BLK1	B170805-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
B170805-BLK1	B170805-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	4
B170805-BLK1	B170805-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Carbazole		U		Y	4
B170805-BLK1	B170805-BLK1	Chrysene		U		Y	4
B170805-BLK1	B170805-BLK1	Chrysene-D12	1.3			Y	4
B170805-BLK1	B170805-BLK1	Dibenz(A,H)Anthracene		U		Y	4
B170805-BLK1	B170805-BLK1	Dibenzofuran		U		Y	4
B170805-BLK1	B170805-BLK1	Diethyl Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Dimethyl Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Di-N-Butyl Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Di-N-Octylphthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Fluoranthene		U		Y	4
B170805-BLK1	B170805-BLK1	Fluorene		U		Y	4
B170805-BLK1	B170805-BLK1	Hexachlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	Hexachlorobutadiene		U		Y	4
B170805-BLK1	B170805-BLK1	Hexachlorocyclopentadiene		U		Y	4
B170805-BLK1	B170805-BLK1	Hexachloroethane		U		Y	4
B170805-BLK1	B170805-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	4
B170805-BLK1	B170805-BLK1	Isophorone		U		Y	4
B170805-BLK1	B170805-BLK1	Naphthalene		U		Y	4
B170805-BLK1	B170805-BLK1	Naphthalene-D8	1.3			Y	4
B170805-BLK1	B170805-BLK1	Nitrobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	Nitrobenzene-D5	68.5			Y	4
B170805-BLK1	B170805-BLK1	N-Nitrosodimethylamine		U		Y	4
B170805-BLK1	B170805-BLK1	N-Nitrosodi-N-Propylamine		U		Y	4
B170805-BLK1	B170805-BLK1	N-Nitrosodiphenylamine		U		Y	4
B170805-BLK1	B170805-BLK1	Pentachloronitrobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	Pentachlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	Perylene-D12	1.3			Y	4
B170805-BLK1	B170805-BLK1	Phenanthrene		U		Y	4
B170805-BLK1	B170805-BLK1	Phenanthrene-D10	1.3			Y	4
B170805-BLK1	B170805-BLK1	Phenol		U		Y	4
B170805-BLK1	B170805-BLK1	Phenol-D6	73.8			Y	4
B170805-BLK1	B170805-BLK1	Pyrene		U		Y	4
B170805-BLK1	B170805-BLK1	Pyridine		U		Y	4
B170805-BLK1	B170805-BLK1	Terphenyl-D14	90			Y	4
B170805-BS1	B170805-BS1	1,2,4,5-Tetrachlorobenzene	1.23			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170805-BS1	B170805-BS1	1,2,4-Trichlorobenzene	1.17			Y	4
B170805-BS1	B170805-BS1	1,2-Dichlorobenzene	1.09			Y	4
B170805-BS1	B170805-BS1	1,2-Diphenylhydrazine	1.27			Y	4
B170805-BS1	B170805-BS1	1,3-Dichlorobenzene	1.06			Y	4
B170805-BS1	B170805-BS1	1,4-Dichlorobenzene	1.05			Y	4
B170805-BS1	B170805-BS1	1,4-Dichlorobenzene-D4	1.33			Y	4
B170805-BS1	B170805-BS1	1-Methylnaphthalene	1.16			Y	4
B170805-BS1	B170805-BS1	2,4,5-Trichlorophenol	1.22			Y	4
B170805-BS1	B170805-BS1	2,4,6-Tribromophenol	87.1			Y	4
B170805-BS1	B170805-BS1	2,4,6-Trichlorophenol	1.27			Y	4
B170805-BS1	B170805-BS1	2,4-Dichlorophenol	1.24			Y	4
B170805-BS1	B170805-BS1	2,4-Dimethylphenol	1.13			Y	4
B170805-BS1	B170805-BS1	2,4-Dinitrophenol	0.854			Y	4
B170805-BS1	B170805-BS1	2,4-Dinitrotoluene	1.22			Y	4
B170805-BS1	B170805-BS1	2,6-Dinitrotoluene	1.29			Y	4
B170805-BS1	B170805-BS1	2-Chloronaphthalene	1.16			Y	4
B170805-BS1	B170805-BS1	2-Chlorophenol	1.14			Y	4
B170805-BS1	B170805-BS1	2-Fluorobiphenyl	80.2			Y	4
B170805-BS1	B170805-BS1	2-Fluorophenol	76.3			Y	4
B170805-BS1	B170805-BS1	2-Methylnaphthalene	1.25			Y	4
B170805-BS1	B170805-BS1	2-Methylphenol (O-Cresol)	1.11			Y	4
B170805-BS1	B170805-BS1	2-Nitroaniline	1.1			Y	4
B170805-BS1	B170805-BS1	2-Nitrophenol	1.14			Y	4
B170805-BS1	B170805-BS1	3- And 4- Methylphenol (Total)	1.22			Y	4
B170805-BS1	B170805-BS1	3,3'-Dichlorobenzidine	0.891			Y	4
B170805-BS1	B170805-BS1	3-Nitroaniline	1.08			Y	4
B170805-BS1	B170805-BS1	4,6-Dinitro-2-Methylphenol	1.1			Y	4
B170805-BS1	B170805-BS1	4-Bromophenyl Phenyl Ether	1.33			Y	4
B170805-BS1	B170805-BS1	4-Chloro-3-Methylphenol	1.18			Y	4
B170805-BS1	B170805-BS1	4-Chloroaniline	0.723			Y	4
B170805-BS1	B170805-BS1	4-Chlorophenyl Phenyl Ether	1.29			Y	4
B170805-BS1	B170805-BS1	4-Nitroaniline	1.18			Y	4
B170805-BS1	B170805-BS1	4-Nitrophenol	1			Y	4
B170805-BS1	B170805-BS1	Acenaphthene	1.22			Y	4
B170805-BS1	B170805-BS1	Acenaphthene-D10	1.33			Y	4
B170805-BS1	B170805-BS1	Acenaphthylene	1.2			Y	4
B170805-BS1	B170805-BS1	Acetophenone	1.13			Y	4
B170805-BS1	B170805-BS1	Aniline	0.845			Y	4
B170805-BS1	B170805-BS1	Anthracene	1.29			Y	4
B170805-BS1	B170805-BS1	Benzidine		U	UJ	Y	4
B170805-BS1	B170805-BS1	Benzo(A)Anthracene	1.29			Y	4
B170805-BS1	B170805-BS1	Benzo(A)Pyrene	1.27			Y	4
B170805-BS1	B170805-BS1	Benzo(B)Fluoranthene	1.22			Y	4
B170805-BS1	B170805-BS1	Benzo(G,H,I)Perylene	1.57			Y	4
B170805-BS1	B170805-BS1	Benzo(K)Fluoranthene	1.27			Y	4
B170805-BS1	B170805-BS1	Benzoic Acid	1.03			Y	4
B170805-BS1	B170805-BS1	Benzyl Butyl Phthalate	1.26			Y	4
B170805-BS1	B170805-BS1	Bis(2-Chloroethoxy) Methane	1.22			Y	4
B170805-BS1	B170805-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.16			Y	4
B170805-BS1	B170805-BS1	Bis(2-Chloroisopropyl) Ether	1.06			Y	4
B170805-BS1	B170805-BS1	Bis(2-Ethylhexyl) Phthalate	1.17			Y	4
B170805-BS1	B170805-BS1	Carbazole	1.25			Y	4
B170805-BS1	B170805-BS1	Chrysene	1.26			Y	4
B170805-BS1	B170805-BS1	Chrysene-D12	1.33			Y	4
B170805-BS1	B170805-BS1	Dibenz(A,H)Anthracene	1.46			Y	4
B170805-BS1	B170805-BS1	Dibenzofuran	1.28			Y	4
B170805-BS1	B170805-BS1	Diethyl Phthalate	1.23			Y	4
B170805-BS1	B170805-BS1	Dimethyl Phthalate	1.25			Y	4
B170805-BS1	B170805-BS1	Di-N-Butyl Phthalate	1.25			Y	4
B170805-BS1	B170805-BS1	Di-N-Octylphthalate	1.07			Y	4
B170805-BS1	B170805-BS1	Fluoranthene	1.28			Y	4
B170805-BS1	B170805-BS1	Fluorene	1.24			Y	4
B170805-BS1	B170805-BS1	Hexachlorobenzene	1.31			Y	4
B170805-BS1	B170805-BS1	Hexachlorobutadiene	1.18			Y	4
B170805-BS1	B170805-BS1	Hexachlorocyclopentadiene	1.05			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170805-BS1	B170805-BS1	Hexachloroethane	1.03			Y	4
B170805-BS1	B170805-BS1	Indeno(1,2,3-C,D)Pyrene	1.43			Y	4
B170805-BS1	B170805-BS1	Isophorone	1.16			Y	4
B170805-BS1	B170805-BS1	Naphthalene	1.14			Y	4
B170805-BS1	B170805-BS1	Naphthalene-D8	1.33			Y	4
B170805-BS1	B170805-BS1	Nitrobenzene	1.12			Y	4
B170805-BS1	B170805-BS1	Nitrobenzene-D5	70.9			Y	4
B170805-BS1	B170805-BS1	N-Nitrosodimethylamine	1.03			Y	4
B170805-BS1	B170805-BS1	N-Nitrosodi-N-Propylamine	1.13			Y	4
B170805-BS1	B170805-BS1	N-Nitrosodiphenylamine	1.78			Y	4
B170805-BS1	B170805-BS1	Pentachloronitrobenzene	1.32			Y	4
B170805-BS1	B170805-BS1	Pentachlorophenol	1.07			Y	4
B170805-BS1	B170805-BS1	Perylene-D12	1.33			Y	4
B170805-BS1	B170805-BS1	Phenanthrene	1.28			Y	4
B170805-BS1	B170805-BS1	Phenanthrene-D10	1.33			Y	4
B170805-BS1	B170805-BS1	Phenol	1.13			Y	4
B170805-BS1	B170805-BS1	Phenol-D6	74.4			Y	4
B170805-BS1	B170805-BS1	Pyrene	1.33			Y	4
B170805-BS1	B170805-BS1	Pyridine	0.898			Y	4
B170805-BS1	B170805-BS1	Terphenyl-D14	87.4			Y	4
B170805-BSD1	B170805-BSD1	1,2,4,5-Tetrachlorobenzene	1.39			Y	4
B170805-BSD1	B170805-BSD1	1,2,4-Trichlorobenzene	1.32			Y	4
B170805-BSD1	B170805-BSD1	1,2-Dichlorobenzene	1.23			Y	4
B170805-BSD1	B170805-BSD1	1,2-Diphenylhydrazine	1.51			Y	4
B170805-BSD1	B170805-BSD1	1,3-Dichlorobenzene	1.18			Y	4
B170805-BSD1	B170805-BSD1	1,4-Dichlorobenzene	1.19			Y	4
B170805-BSD1	B170805-BSD1	1,4-Dichlorobenzene-D4	1.33			Y	4
B170805-BSD1	B170805-BSD1	1-Methylnaphthalene	1.31			Y	4
B170805-BSD1	B170805-BSD1	2,4,5-Trichlorophenol	1.39			Y	4
B170805-BSD1	B170805-BSD1	2,4,6-Tribromophenol	96.4			Y	4
B170805-BSD1	B170805-BSD1	2,4,6-Trichlorophenol	1.42			Y	4
B170805-BSD1	B170805-BSD1	2,4-Dichlorophenol	1.38			Y	4
B170805-BSD1	B170805-BSD1	2,4-Dimethylphenol	1.3			Y	4
B170805-BSD1	B170805-BSD1	2,4-Dinitrophenol	0.989			Y	4
B170805-BSD1	B170805-BSD1	2,4-Dinitrotoluene	1.44			Y	4
B170805-BSD1	B170805-BSD1	2,6-Dinitrotoluene	1.49			Y	4
B170805-BSD1	B170805-BSD1	2-Chloronaphthalene	1.3			Y	4
B170805-BSD1	B170805-BSD1	2-Chlorophenol	1.3			Y	4
B170805-BSD1	B170805-BSD1	2-Fluorobiphenyl	88.1			Y	4
B170805-BSD1	B170805-BSD1	2-Fluorophenol	84.7			Y	4
B170805-BSD1	B170805-BSD1	2-Methylnaphthalene	1.39			Y	4
B170805-BSD1	B170805-BSD1	2-Methylphenol (O-Cresol)	1.25			Y	4
B170805-BSD1	B170805-BSD1	2-Nitroaniline	1.32			Y	4
B170805-BSD1	B170805-BSD1	2-Nitrophenol	1.29			Y	4
B170805-BSD1	B170805-BSD1	3- And 4- Methylphenol (Total)	1.41			Y	4
B170805-BSD1	B170805-BSD1	3,3'-Dichlorobenzidine	1.11			Y	4
B170805-BSD1	B170805-BSD1	3-Nitroaniline	1.29			Y	4
B170805-BSD1	B170805-BSD1	4,6-Dinitro-2-Methylphenol	1.28			Y	4
B170805-BSD1	B170805-BSD1	4-Bromophenyl Phenyl Ether	1.51			Y	4
B170805-BSD1	B170805-BSD1	4-Chloro-3-Methylphenol	1.36			Y	4
B170805-BSD1	B170805-BSD1	4-Chloroaniline	0.901			Y	4
B170805-BSD1	B170805-BSD1	4-Chlorophenyl Phenyl Ether	1.45			Y	4
B170805-BSD1	B170805-BSD1	4-Nitroaniline	1.36			Y	4
B170805-BSD1	B170805-BSD1	4-Nitrophenol	1.16			Y	4
B170805-BSD1	B170805-BSD1	Acenaphthene	1.38			Y	4
B170805-BSD1	B170805-BSD1	Acenaphthene-D10	1.33			Y	4
B170805-BSD1	B170805-BSD1	Acenaphthylene	1.35			Y	4
B170805-BSD1	B170805-BSD1	Acetophenone	1.3			Y	4
B170805-BSD1	B170805-BSD1	Aniline	1.07			Y	4
B170805-BSD1	B170805-BSD1	Anthracene	1.48			Y	4
B170805-BSD1	B170805-BSD1	Benzidine	0.852		J	Y	4
B170805-BSD1	B170805-BSD1	Benzo(A)Anthracene	1.49			Y	4
B170805-BSD1	B170805-BSD1	Benzo(A)Pyrene	1.46			Y	4
B170805-BSD1	B170805-BSD1	Benzo(B)Fluoranthene	1.4			Y	4
B170805-BSD1	B170805-BSD1	Benzo(G,H,I)Perylene	1.81			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170805-BSD1	B170805-BSD1	Benzo(K)Fluoranthene	1.46			Y	4
B170805-BSD1	B170805-BSD1	Benzoic Acid	1.22			Y	4
B170805-BSD1	B170805-BSD1	Benzyl Butyl Phthalate	1.5			Y	4
B170805-BSD1	B170805-BSD1	Bis(2-Chloroethoxy) Methane	1.4			Y	4
B170805-BSD1	B170805-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.35			Y	4
B170805-BSD1	B170805-BSD1	Bis(2-Chloroisopropyl) Ether	1.24			Y	4
B170805-BSD1	B170805-BSD1	Bis(2-Ethylhexyl) Phthalate	1.39			Y	4
B170805-BSD1	B170805-BSD1	Carbazole	1.44			Y	4
B170805-BSD1	B170805-BSD1	Chrysene	1.45			Y	4
B170805-BSD1	B170805-BSD1	Chrysene-D12	1.33			Y	4
B170805-BSD1	B170805-BSD1	Dibenz(A,H)Anthracene	1.7			Y	4
B170805-BSD1	B170805-BSD1	Dibenzofuran	1.45			Y	4
B170805-BSD1	B170805-BSD1	Diethyl Phthalate	1.44			Y	4
B170805-BSD1	B170805-BSD1	Dimethyl Phthalate	1.44			Y	4
B170805-BSD1	B170805-BSD1	Di-N-Butyl Phthalate	1.45			Y	4
B170805-BSD1	B170805-BSD1	Di-N-Octylphthalate	1.25			Y	4
B170805-BSD1	B170805-BSD1	Fluoranthene	1.47			Y	4
B170805-BSD1	B170805-BSD1	Fluorene	1.42			Y	4
B170805-BSD1	B170805-BSD1	Hexachlorobenzene	1.47			Y	4
B170805-BSD1	B170805-BSD1	Hexachlorobutadiene	1.31			Y	4
B170805-BSD1	B170805-BSD1	Hexachlorocyclopentadiene	1.16			Y	4
B170805-BSD1	B170805-BSD1	Hexachloroethane	1.17			Y	4
B170805-BSD1	B170805-BSD1	Indeno(1,2,3-C,D)Pyrene	1.61			Y	4
B170805-BSD1	B170805-BSD1	Isophorone	1.35			Y	4
B170805-BSD1	B170805-BSD1	Naphthalene	1.29			Y	4
B170805-BSD1	B170805-BSD1	Naphthalene-D8	1.33			Y	4
B170805-BSD1	B170805-BSD1	Nitrobenzene	1.29			Y	4
B170805-BSD1	B170805-BSD1	Nitrobenzene-D5	80.1			Y	4
B170805-BSD1	B170805-BSD1	N-Nitrosodimethylamine	1.2			Y	4
B170805-BSD1	B170805-BSD1	N-Nitrosodi-N-Propylamine	1.3			Y	4
B170805-BSD1	B170805-BSD1	N-Nitrosodiphenylamine	2.05			Y	4
B170805-BSD1	B170805-BSD1	Pentachloronitrobenzene	1.46			Y	4
B170805-BSD1	B170805-BSD1	Pentachlorophenol	1.2			Y	4
B170805-BSD1	B170805-BSD1	Perylene-D12	1.33			Y	4
B170805-BSD1	B170805-BSD1	Phenanthrene	1.47			Y	4
B170805-BSD1	B170805-BSD1	Phenanthrene-D10	1.33			Y	4
B170805-BSD1	B170805-BSD1	Phenol	1.32			Y	4
B170805-BSD1	B170805-BSD1	Phenol-D6	85.1			Y	4
B170805-BSD1	B170805-BSD1	Pyrene	1.56			Y	4
B170805-BSD1	B170805-BSD1	Pyridine	1.03			Y	4
B170805-BSD1	B170805-BSD1	Terphenyl-D14	97.7			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,2,4,5-Tetrachlorobenzene	1.15	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,2,4-Trichlorobenzene	1.08	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,2-Dichlorobenzene	1.01	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,2-Diphenylhydrazine	1.28	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,3-Dichlorobenzene	0.953	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,4-Dichlorobenzene	0.975	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,4-Dichlorobenzene-D4	1.61			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1-Methylnaphthalene	1.38	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4,5-Trichlorophenol	1.02	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4,6-Tribromophenol	35.7			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4,6-Trichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4-Dichlorophenol	1.04	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4-Dimethylphenol	1.18	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4-Dinitrophenol		U	R	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4-Dinitrotoluene		U		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,6-Dinitrotoluene		U	UJ	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Chloronaphthalene	1.06	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Chlorophenol	1.05	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Fluorobiphenyl	65.4			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Fluorophenol	55.6			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Methylnaphthalene	1.7	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Methylphenol (O-Cresol)	1.07	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Nitroaniline	1.19	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Nitrophenol		U	UJ	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'M: B170805-MS1		3- And 4- Methylphenol (Total)	1.26	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		3,3'-Dichlorobenzidine	1.09	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		3-Nitroaniline	0.893	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4,6-Dinitro-2-Methylphenol		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Bromophenyl Phenyl Ether	1.07	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Chloro-3-Methylphenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Chloroaniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Chlorophenyl Phenyl Ether	1.07	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Nitroaniline	1.41	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Nitrophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Acenaphthene	1.97	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Acenaphthene-D10	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Acenaphthylene	1.09	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Acetophenone	1.17	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Aniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Anthracene	2.44	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzidine		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(A)Anthracene	2.36	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(A)Pyrene	3.02	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(B)Fluoranthene	3.47	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(G,H,I)Perylene	2.79	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(K)Fluoranthene	2.25	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzoic Acid		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzyl Butyl Phthalate	1.37	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Bis(2-Chloroethoxy) Methane	1.2	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.12	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Bis(2-Chloroisopropyl) Ether	1.13	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Bis(2-Ethylhexyl) Phthalate	1.71	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Carbazole	2.09	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Chrysene	3.61	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Chrysene-D12	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Dibenz(A,H)Anthracene	1.69	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Dibenzofuran	1.74	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Diethyl Phthalate	1.2	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Dimethyl Phthalate	1.26	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Di-N-Butyl Phthalate	1.36	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Di-N-Octylphthalate	1.4	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Fluoranthene	7.67	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Fluorene	1.93	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Hexachlorobenzene	0.981	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Hexachlorobutadiene	1.02	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Hexachlorocyclopentadiene		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Hexachloroethane		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Indeno(1,2,3-C,D)Pyrene	2.58	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Isophorone	1.17	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Naphthalene	2.48	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Naphthalene-D8	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Nitrobenzene		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Nitrobenzene-D5	33.2			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		N-Nitrosodimethylamine	1.01	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		N-Nitrosodi-N-Propylamine	1.17	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		N-Nitrosodiphenylamine	2.12	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Pentachloronitrobenzene		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Pentachlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Perylene-D12	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Phenanthrene	6.77	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Phenanthrene-D10	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Phenol	1.22	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Phenol-D6	60.9			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Pyrene	7.18	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Pyridine		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Terphenyl-D14	79.5			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,2,4,5-Tetrachlorobenzene	1.65	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,2,4-Trichlorobenzene	1.36	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,2-Dichlorobenzene	1.02	D		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,2-Diphenylhydrazine	1.07	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,3-Dichlorobenzene	0.995	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,4-Dichlorobenzene	0.993	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,4-Dichlorobenzene-D4	1.61			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1-Methylnaphthalene	1.39	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4,5-Trichlorophenol	0.826	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4,6-Tribromophenol	30.6			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4,6-Trichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4-Dichlorophenol	0.836	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4-Dimethylphenol	0.905	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4-Dinitrophenol		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4-Dinitrotoluene		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,6-Dinitrotoluene		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Chloronaphthalene	1.22	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Chlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Fluorobiphenyl	65.7			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Fluorophenol	37.6			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Methylnaphthalene	1.6	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Methylphenol (O-Cresol)		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Nitroaniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Nitrophenol		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		3- And 4- Methylphenol (Total)	0.89	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		3,3'-Dichlorobenzidine	0.824	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		3-Nitroaniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4,6-Dinitro-2-Methylphenol		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Bromophenyl Phenyl Ether	1.18	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Chloro-3-Methylphenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Chloroaniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Chlorophenyl Phenyl Ether	1.24	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Nitroaniline	0.977	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Nitrophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Acenaphthene	1.4	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Acenaphthene-D10	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Acenaphthylene	1.05	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Acetophenone	0.935	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Aniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Anthracene	1.6	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzidine		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(A)Anthracene	2.36	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(A)Pyrene	2.25	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(B)Fluoranthene	2.47	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(G,H,I)Perylene	2.89	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(K)Fluoranthene	1.83	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzoic Acid		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzyl Butyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Bis(2-Chloroethoxy) Methane	0.954	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	0.849	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Bis(2-Chloroisopropyl) Ether	0.913	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Bis(2-Ethylhexyl) Phthalate	1.74	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Carbazole	1.17	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Chrysene	2.57	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Chrysene-D12	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Dibenz(A,H)Anthracene	1.91	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Dibenzofuran	1.35	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Diethyl Phthalate	0.961	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Dimethyl Phthalate	0.941	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Di-N-Butyl Phthalate	1.18	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Di-N-Octylphthalate	1.43	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Fluoranthene	3.81	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Fluorene	1.51	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Hexachlorobenzene	1.69	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Hexachlorobutadiene	1.41	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Hexachlorocyclopentadiene		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Hexachloroethane		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Indeno(1,2,3-C,D)Pyrene	2.59	D	JH	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'M	B170805-MSD1	Isophorone	0.955	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Naphthalene	1.41	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Naphthalene-D8	3.22			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Nitrobenzene		U	UJ	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Nitrobenzene-D5	23.7			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	N-Nitrosodimethylamine		U	UJ	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	N-Nitrosodi-N-Propylamine	0.939	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	N-Nitrosodiphenylamine	1.78	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Pentachloronitrobenzene		U	R	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Pentachlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Perylene-D12	3.22			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Phenanthrene	3.05	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Phenanthrene-D10	3.22			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Phenol	0.855	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Phenol-D6	42.3			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Pyrene	3.89	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Pyridine		U	UJ	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Terphenyl-D14	87.3			Y	4
LW-01-COMP2-4-10.2'DL	B170823-DUP3	Solids, Percent	84.9			Y	4
B170824-BLK1	B170824-BLK1	1,1,1,2-Tetrachloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1,1-Trichloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1,2,2-Tetrachloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1,2-Trichloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1-Dichloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1-Dichloroethene		U		Y	4
B170824-BLK1	B170824-BLK1	1,1-Dichloropropene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2,3-Trichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2,3-Trichloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2,4-Trimethylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dichloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dichloroethane-D4	114			Y	4
B170824-BLK1	B170824-BLK1	1,2-Dichloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	1,3,5-Trichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
B170824-BLK1	B170824-BLK1	1,3-Dichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,3-Dichloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	1,4-Dichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,4-Dichlorobenzene-D4	30			Y	4
B170824-BLK1	B170824-BLK1	1,4-Difluorobenzene	30			Y	4
B170824-BLK1	B170824-BLK1	1,4-Dioxane (P-Dioxane)		U		Y	4
B170824-BLK1	B170824-BLK1	2,2-Dichloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	2-Chlorotoluene		U		Y	4
B170824-BLK1	B170824-BLK1	2-Hexanone		U		Y	4
B170824-BLK1	B170824-BLK1	2-Methoxy-2-Methylbutane		U		Y	4
B170824-BLK1	B170824-BLK1	4-Chlorotoluene		U		Y	4
B170824-BLK1	B170824-BLK1	Acetone		U		Y	4
B170824-BLK1	B170824-BLK1	Acrylonitrile		U		Y	4
B170824-BLK1	B170824-BLK1	Benzene		U		Y	4
B170824-BLK1	B170824-BLK1	Bromobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Bromochloromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Bromodichloromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Bromoform		U		Y	4
B170824-BLK1	B170824-BLK1	Bromomethane		U		Y	4
B170824-BLK1	B170824-BLK1	Carbon Disulfide		U		Y	4
B170824-BLK1	B170824-BLK1	Carbon Tetrachloride		U		Y	4
B170824-BLK1	B170824-BLK1	Chlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Chlorobenzene-D5	30			Y	4
B170824-BLK1	B170824-BLK1	Chloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	Chloroform		U		Y	4
B170824-BLK1	B170824-BLK1	Chloromethane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170824-BLK1	B170824-BLK1	Cis-1,2-Dichloroethylene		U		Y	4
B170824-BLK1	B170824-BLK1	Cis-1,3-Dichloropropene		U		Y	4
B170824-BLK1	B170824-BLK1	Cyclohexane		U		Y	4
B170824-BLK1	B170824-BLK1	Cymene		U		Y	4
B170824-BLK1	B170824-BLK1	Dibromochloromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Dibromomethane		U		Y	4
B170824-BLK1	B170824-BLK1	Dichlorodifluoromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170824-BLK1	B170824-BLK1	Ethyl Tert-Butyl Ether		U		Y	4
B170824-BLK1	B170824-BLK1	Ethylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Hexachlorobutadiene		U		Y	4
B170824-BLK1	B170824-BLK1	Isopropyl Ether		U		Y	4
B170824-BLK1	B170824-BLK1	Isopropylbenzene (Cumene)		U		Y	4
B170824-BLK1	B170824-BLK1	m,p-Xylene		U		Y	4
B170824-BLK1	B170824-BLK1	Methyl Acetate		U		Y	4
B170824-BLK1	B170824-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B170824-BLK1	B170824-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
B170824-BLK1	B170824-BLK1	Methylcyclohexane		U		Y	4
B170824-BLK1	B170824-BLK1	Methylene Chloride		U		Y	4
B170824-BLK1	B170824-BLK1	Naphthalene		U		Y	4
B170824-BLK1	B170824-BLK1	N-Butylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	N-Propylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B170824-BLK1	B170824-BLK1	p-Bromofluorobenzene	97.3			Y	4
B170824-BLK1	B170824-BLK1	Pentafluorobenzene	30			Y	4
B170824-BLK1	B170824-BLK1	Sec-Butylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Styrene		U		Y	4
B170824-BLK1	B170824-BLK1	T-Butylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Tert-Butyl Alcohol		U		Y	4
B170824-BLK1	B170824-BLK1	Tert-Butyl Methyl Ether		U		Y	4
B170824-BLK1	B170824-BLK1	Tetrachloroethylene (PCE)		U		Y	4
B170824-BLK1	B170824-BLK1	Tetrahydrofuran		U		Y	4
B170824-BLK1	B170824-BLK1	Toluene		U		Y	4
B170824-BLK1	B170824-BLK1	Toluene-D8	105			Y	4
B170824-BLK1	B170824-BLK1	Trans-1,2-Dichloroethene		U		Y	4
B170824-BLK1	B170824-BLK1	Trans-1,3-Dichloropropene		U		Y	4
B170824-BLK1	B170824-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	4
B170824-BLK1	B170824-BLK1	Trichloroethylene (TCE)		U		Y	4
B170824-BLK1	B170824-BLK1	Trichlorofluoromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Vinyl Chloride		U		Y	4
B170824-BS1	B170824-BS1	1,1,1,2-Tetrachloroethane	0.0108	D		Y	4
B170824-BS1	B170824-BS1	1,1,1-Trichloroethane	0.0131	D		Y	4
B170824-BS1	B170824-BS1	1,1,2,2-Tetrachloroethane	0.0115	D		Y	4
B170824-BS1	B170824-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.013	D		Y	4
B170824-BS1	B170824-BS1	1,1,2-Trichloroethane	0.0131	D		Y	4
B170824-BS1	B170824-BS1	1,1-Dichloroethane	0.0137	D		Y	4
B170824-BS1	B170824-BS1	1,1-Dichloroethene	0.0129	D		Y	4
B170824-BS1	B170824-BS1	1,1-Dichloropropene	0.0139	D		Y	4
B170824-BS1	B170824-BS1	1,2,3-Trichlorobenzene	0.0107	D		Y	4
B170824-BS1	B170824-BS1	1,2,3-Trichloropropane	0.0108	D		Y	4
B170824-BS1	B170824-BS1	1,2,4-Trichlorobenzene	0.0112	D		Y	4
B170824-BS1	B170824-BS1	1,2,4-Trimethylbenzene	0.0115	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dibromo-3-Chloropropane	0.0122	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.013	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dichlorobenzene	0.0117	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dichloroethane	0.0132	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dichloroethane-D4	111			Y	4
B170824-BS1	B170824-BS1	1,2-Dichloropropane	0.0124	D		Y	4
B170824-BS1	B170824-BS1	1,3,5-Trichlorobenzene	0.0118	D		Y	4
B170824-BS1	B170824-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.011	D		Y	4
B170824-BS1	B170824-BS1	1,3-Dichlorobenzene	0.012	D		Y	4
B170824-BS1	B170824-BS1	1,3-Dichloropropane	0.0125	D		Y	4
B170824-BS1	B170824-BS1	1,4-Dichlorobenzene	0.0116	D		Y	4
B170824-BS1	B170824-BS1	1,4-Dichlorobenzene-D4	30			Y	4
B170824-BS1	B170824-BS1	1,4-Difluorobenzene	30			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170824-BS1	B170824-BS1	1,4-Dioxane (P-Dioxane)	0.114	D		Y	4
B170824-BS1	B170824-BS1	2,2-Dichloropropane	0.0101	D		Y	4
B170824-BS1	B170824-BS1	2-Chlorotoluene	0.0118	D		Y	4
B170824-BS1	B170824-BS1	2-Hexanone	0.123	D		Y	4
B170824-BS1	B170824-BS1	2-Methoxy-2-Methylbutane	0.012	D		Y	4
B170824-BS1	B170824-BS1	4-Chlorotoluene	0.0115	D		Y	4
B170824-BS1	B170824-BS1	Acetone	0.124	D		Y	4
B170824-BS1	B170824-BS1	Acrylonitrile	0.0137	D		Y	4
B170824-BS1	B170824-BS1	Benzene	0.0136	D		Y	4
B170824-BS1	B170824-BS1	Bromobenzene	0.0115	D		Y	4
B170824-BS1	B170824-BS1	Bromochloromethane	0.0144	D		Y	4
B170824-BS1	B170824-BS1	Bromodichloromethane	0.0136	D		Y	4
B170824-BS1	B170824-BS1	Bromoform	0.0113	D		Y	4
B170824-BS1	B170824-BS1	Bromomethane	0.00431	D		Y	4
B170824-BS1	B170824-BS1	Carbon Disulfide	0.0163	D		Y	4
B170824-BS1	B170824-BS1	Carbon Tetrachloride	0.0136	D		Y	4
B170824-BS1	B170824-BS1	Chlorobenzene	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Chlorobenzene-D5	30			Y	4
B170824-BS1	B170824-BS1	Chloroethane	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Chloroform	0.0138	D		Y	4
B170824-BS1	B170824-BS1	Chloromethane	0.00827	D		Y	4
B170824-BS1	B170824-BS1	Cis-1,2-Dichloroethylene	0.0126	D		Y	4
B170824-BS1	B170824-BS1	Cis-1,3-Dichloropropene	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Cyclohexane	0.0148	D		Y	4
B170824-BS1	B170824-BS1	Cymene	0.0111	D		Y	4
B170824-BS1	B170824-BS1	Dibromochloromethane	0.0134	D		Y	4
B170824-BS1	B170824-BS1	Dibromomethane	0.0135	D		Y	4
B170824-BS1	B170824-BS1	Dichlorodifluoromethane	0.00828	D		Y	4
B170824-BS1	B170824-BS1	Diethyl Ether (Ethyl Ether)	0.0131	D		Y	4
B170824-BS1	B170824-BS1	Ethyl Tert-Butyl Ether	0.0125	D		Y	4
B170824-BS1	B170824-BS1	Ethylbenzene	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Hexachlorobutadiene	0.013	D		Y	4
B170824-BS1	B170824-BS1	Isopropyl Ether	0.0129	D		Y	4
B170824-BS1	B170824-BS1	Isopropylbenzene (Cumene)	0.0117	D		Y	4
B170824-BS1	B170824-BS1	m,p-Xylene	0.0231	D		Y	4
B170824-BS1	B170824-BS1	Methyl Acetate	0.0161	D		Y	4
B170824-BS1	B170824-BS1	Methyl Ethyl Ketone (2-Butanone)	0.126	D		Y	4
B170824-BS1	B170824-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.119	D		Y	4
B170824-BS1	B170824-BS1	Methylcyclohexane	0.0128	D		Y	4
B170824-BS1	B170824-BS1	Methylene Chloride	0.0146	D		Y	4
B170824-BS1	B170824-BS1	Naphthalene	0.0089	D		Y	4
B170824-BS1	B170824-BS1	N-Butylbenzene	0.012	D		Y	4
B170824-BS1	B170824-BS1	N-Propylbenzene	0.0116	D		Y	4
B170824-BS1	B170824-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0113	D		Y	4
B170824-BS1	B170824-BS1	p-Bromofluorobenzene	102			Y	4
B170824-BS1	B170824-BS1	Pentafluorobenzene	30			Y	4
B170824-BS1	B170824-BS1	Sec-Butylbenzene	0.0122	D		Y	4
B170824-BS1	B170824-BS1	Styrene	0.0112	D		Y	4
B170824-BS1	B170824-BS1	T-Butylbenzene	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Tert-Butyl Alcohol	0.0814	D		Y	4
B170824-BS1	B170824-BS1	Tert-Butyl Methyl Ether	0.0123	D		Y	4
B170824-BS1	B170824-BS1	Tetrachloroethylene (PCE)	0.0133	D		Y	4
B170824-BS1	B170824-BS1	Tetrahydrofuran	0.0133	D		Y	4
B170824-BS1	B170824-BS1	Toluene	0.0131	D		Y	4
B170824-BS1	B170824-BS1	Toluene-D8	107			Y	4
B170824-BS1	B170824-BS1	Trans-1,2-Dichloroethene	0.0151	D		Y	4
B170824-BS1	B170824-BS1	Trans-1,3-Dichloropropene	0.0117	D		Y	4
B170824-BS1	B170824-BS1	Trans-1,4-Dichloro-2-Butene	0.00964	D		Y	4
B170824-BS1	B170824-BS1	Trichloroethylene (TCE)	0.0128	D		Y	4
B170824-BS1	B170824-BS1	Trichlorofluoromethane	0.0128	D		Y	4
B170824-BS1	B170824-BS1	Vinyl Chloride	0.0106	D		Y	4
B170824-BSD1	B170824-BSD1	1,1,1,2-Tetrachloroethane	0.0109	D		Y	4
B170824-BSD1	B170824-BSD1	1,1,1-Trichloroethane	0.0125	D		Y	4
B170824-BSD1	B170824-BSD1	1,1,2,2-Tetrachloroethane	0.0115	D		Y	4
B170824-BSD1	B170824-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0125	D		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170824-BSD1	B170824-BSD1	1,1,2-Trichloroethane	0.013	D		Y	4
B170824-BSD1	B170824-BSD1	1,1-Dichloroethane	0.0134	D		Y	4
B170824-BSD1	B170824-BSD1	1,1-Dichloroethene	0.0126	D		Y	4
B170824-BSD1	B170824-BSD1	1,1-Dichloropropene	0.0132	D		Y	4
B170824-BSD1	B170824-BSD1	1,2,3-Trichlorobenzene	0.0113	D		Y	4
B170824-BSD1	B170824-BSD1	1,2,3-Trichloropropane	0.0113	D		Y	4
B170824-BSD1	B170824-BSD1	1,2,4-Trichlorobenzene	0.0114	D		Y	4
B170824-BSD1	B170824-BSD1	1,2,4-Trimethylbenzene	0.0113	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dibromo-3-Chloropropane	0.0126	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.013	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dichlorobenzene	0.0114	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dichloroethane	0.0131	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dichloroethane-D4	110			Y	4
B170824-BSD1	B170824-BSD1	1,2-Dichloropropane	0.0124	D		Y	4
B170824-BSD1	B170824-BSD1	1,3,5-Trichlorobenzene	0.012	D		Y	4
B170824-BSD1	B170824-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0106	D		Y	4
B170824-BSD1	B170824-BSD1	1,3-Dichlorobenzene	0.0115	D		Y	4
B170824-BSD1	B170824-BSD1	1,3-Dichloropropane	0.0125	D		Y	4
B170824-BSD1	B170824-BSD1	1,4-Dichlorobenzene	0.0113	D		Y	4
B170824-BSD1	B170824-BSD1	1,4-Dichlorobenzene-D4	30			Y	4
B170824-BSD1	B170824-BSD1	1,4-Difluorobenzene	30			Y	4
B170824-BSD1	B170824-BSD1	1,4-Dioxane (P-Dioxane)	0.118	D		Y	4
B170824-BSD1	B170824-BSD1	2,2-Dichloropropane	0.00959	D		Y	4
B170824-BSD1	B170824-BSD1	2-Chlorotoluene	0.0115	D		Y	4
B170824-BSD1	B170824-BSD1	2-Hexanone	0.128	D		Y	4
B170824-BSD1	B170824-BSD1	2-Methoxy-2-Methylbutane	0.0119	D		Y	4
B170824-BSD1	B170824-BSD1	4-Chlorotoluene	0.0114	D		Y	4
B170824-BSD1	B170824-BSD1	Acetone	0.13	D		Y	4
B170824-BSD1	B170824-BSD1	Acrylonitrile	0.0136	D		Y	4
B170824-BSD1	B170824-BSD1	Benzene	0.0132	D		Y	4
B170824-BSD1	B170824-BSD1	Bromobenzene	0.0112	D		Y	4
B170824-BSD1	B170824-BSD1	Bromochloromethane	0.0137	D		Y	4
B170824-BSD1	B170824-BSD1	Bromodichloromethane	0.0133	D		Y	4
B170824-BSD1	B170824-BSD1	Bromofom	0.0114	D		Y	4
B170824-BSD1	B170824-BSD1	Bromomethane	0.00482	D		Y	4
B170824-BSD1	B170824-BSD1	Carbon Disulfide	0.016	D		Y	4
B170824-BSD1	B170824-BSD1	Carbon Tetrachloride	0.0131	D		Y	4
B170824-BSD1	B170824-BSD1	Chlorobenzene	0.0111	D		Y	4
B170824-BSD1	B170824-BSD1	Chlorobenzene-D5	30			Y	4
B170824-BSD1	B170824-BSD1	Chloroethane	0.0109	D		Y	4
B170824-BSD1	B170824-BSD1	Chloroform	0.0133	D		Y	4
B170824-BSD1	B170824-BSD1	Chloromethane	0.00827	D		Y	4
B170824-BSD1	B170824-BSD1	Cis-1,2-Dichloroethylene	0.0121	D		Y	4
B170824-BSD1	B170824-BSD1	Cis-1,3-Dichloropropene	0.011	D		Y	4
B170824-BSD1	B170824-BSD1	Cyclohexane	0.0143	D		Y	4
B170824-BSD1	B170824-BSD1	Cymene	0.0108	D		Y	4
B170824-BSD1	B170824-BSD1	Dibromochloromethane	0.0132	D		Y	4
B170824-BSD1	B170824-BSD1	Dibromomethane	0.0136	D		Y	4
B170824-BSD1	B170824-BSD1	Dichlorodifluoromethane	0.00831	D		Y	4
B170824-BSD1	B170824-BSD1	Diethyl Ether (Ethyl Ether)	0.0133	D		Y	4
B170824-BSD1	B170824-BSD1	Ethyl Tert-Butyl Ether	0.0122	D		Y	4
B170824-BSD1	B170824-BSD1	Ethylbenzene	0.011	D		Y	4
B170824-BSD1	B170824-BSD1	Hexachlorobutadiene	0.0124	D		Y	4
B170824-BSD1	B170824-BSD1	Isopropyl Ether	0.0125	D		Y	4
B170824-BSD1	B170824-BSD1	Isopropylbenzene (Cumene)	0.0115	D		Y	4
B170824-BSD1	B170824-BSD1	m,p-Xylene	0.0225	D		Y	4
B170824-BSD1	B170824-BSD1	Methyl Acetate	0.0159	D		Y	4
B170824-BSD1	B170824-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.128	D		Y	4
B170824-BSD1	B170824-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.125	D		Y	4
B170824-BSD1	B170824-BSD1	Methylcyclohexane	0.0124	D		Y	4
B170824-BSD1	B170824-BSD1	Methylene Chloride	0.014	D		Y	4
B170824-BSD1	B170824-BSD1	Naphthalene	0.00928	D		Y	4
B170824-BSD1	B170824-BSD1	N-Butylbenzene	0.0117	D		Y	4
B170824-BSD1	B170824-BSD1	N-Propylbenzene	0.0112	D		Y	4
B170824-BSD1	B170824-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0108	D		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170824-BSD1	B170824-BSD1	p-Bromofluorobenzene	101			Y	4
B170824-BSD1	B170824-BSD1	Pentafluorobenzene	30			Y	4
B170824-BSD1	B170824-BSD1	Sec-Butylbenzene	0.0118	D		Y	4
B170824-BSD1	B170824-BSD1	Styrene	0.0109	D		Y	4
B170824-BSD1	B170824-BSD1	T-Butylbenzene	0.0111	D		Y	4
B170824-BSD1	B170824-BSD1	Tert-Butyl Alcohol	0.0848	D		Y	4
B170824-BSD1	B170824-BSD1	Tert-Butyl Methyl Ether	0.0125	D		Y	4
B170824-BSD1	B170824-BSD1	Tetrachloroethylene (PCE)	0.0129	D		Y	4
B170824-BSD1	B170824-BSD1	Tetrahydrofuran	0.0139	D		Y	4
B170824-BSD1	B170824-BSD1	Toluene	0.0129	D		Y	4
B170824-BSD1	B170824-BSD1	Toluene-D8	105			Y	4
B170824-BSD1	B170824-BSD1	Trans-1,2-Dichloroethene	0.0152	D		Y	4
B170824-BSD1	B170824-BSD1	Trans-1,3-Dichloropropene	0.0118	D		Y	4
B170824-BSD1	B170824-BSD1	Trans-1,4-Dichloro-2-Butene	0.0106	D		Y	4
B170824-BSD1	B170824-BSD1	Trichloroethylene (TCE)	0.0129	D		Y	4
B170824-BSD1	B170824-BSD1	Trichlorofluoromethane	0.0123	D		Y	4
B170824-BSD1	B170824-BSD1	Vinyl Chloride	0.0102	D		Y	4
B170829-BLK1	B170829-BLK1	1,1,1,2-Tetrachloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1,1-Trichloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1,2,2-Tetrachloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1,2-Trichloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1-Dichloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1-Dichloroethene		U		Y	4
B170829-BLK1	B170829-BLK1	1,1-Dichloropropene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2,3-Trichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2,3-Trichloropropene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2,4-Trimethylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dichloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dichloroethane-D4	99.8			Y	4
B170829-BLK1	B170829-BLK1	1,2-Dichloropropane		U		Y	4
B170829-BLK1	B170829-BLK1	1,3,5-Trichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
B170829-BLK1	B170829-BLK1	1,3-Dichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,3-Dichloropropane		U		Y	4
B170829-BLK1	B170829-BLK1	1,4-Dichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170829-BLK1	B170829-BLK1	1,4-Difluorobenzene	0.06			Y	4
B170829-BLK1	B170829-BLK1	1,4-Dioxane (P-Dioxane)		U		Y	4
B170829-BLK1	B170829-BLK1	2,2-Dichloropropane		U		Y	4
B170829-BLK1	B170829-BLK1	2-Chlorotoluene		U		Y	4
B170829-BLK1	B170829-BLK1	2-Hexanone		U		Y	4
B170829-BLK1	B170829-BLK1	2-Methoxy-2-Methylbutane		U		Y	4
B170829-BLK1	B170829-BLK1	4-Chlorotoluene		U		Y	4
B170829-BLK1	B170829-BLK1	Acetone		U		Y	4
B170829-BLK1	B170829-BLK1	Acrylonitrile		U		Y	4
B170829-BLK1	B170829-BLK1	Benzene		U		Y	4
B170829-BLK1	B170829-BLK1	Bromobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Bromochloromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Bromodichloromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Bromoform		U		Y	4
B170829-BLK1	B170829-BLK1	Bromomethane		U		Y	4
B170829-BLK1	B170829-BLK1	Carbon Disulfide		U		Y	4
B170829-BLK1	B170829-BLK1	Carbon Tetrachloride		U		Y	4
B170829-BLK1	B170829-BLK1	Chlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Chlorobenzene-D5	0.06			Y	4
B170829-BLK1	B170829-BLK1	Chloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	Chloroform		U		Y	4
B170829-BLK1	B170829-BLK1	Chloromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Cis-1,2-Dichloroethylene		U		Y	4
B170829-BLK1	B170829-BLK1	Cis-1,3-Dichloropropene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170829-BLK1	B170829-BLK1	Cyclohexane		U		Y	4
B170829-BLK1	B170829-BLK1	Cymene		U		Y	4
B170829-BLK1	B170829-BLK1	Dibromochloromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Dibromomethane		U		Y	4
B170829-BLK1	B170829-BLK1	Dichlorodifluoromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170829-BLK1	B170829-BLK1	Ethyl Tert-Butyl Ether		U		Y	4
B170829-BLK1	B170829-BLK1	Ethylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Hexachlorobutadiene		U		Y	4
B170829-BLK1	B170829-BLK1	Isopropyl Ether		U		Y	4
B170829-BLK1	B170829-BLK1	Isopropylbenzene (Cumene)		U		Y	4
B170829-BLK1	B170829-BLK1	m,p-Xylene		U		Y	4
B170829-BLK1	B170829-BLK1	Methyl Acetate		U		Y	4
B170829-BLK1	B170829-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B170829-BLK1	B170829-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
B170829-BLK1	B170829-BLK1	Methylcyclohexane		U		Y	4
B170829-BLK1	B170829-BLK1	Methylene Chloride		U		Y	4
B170829-BLK1	B170829-BLK1	Naphthalene		U		Y	4
B170829-BLK1	B170829-BLK1	N-Butylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	N-Propylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B170829-BLK1	B170829-BLK1	p-Bromofluorobenzene	94.4			Y	4
B170829-BLK1	B170829-BLK1	Pentafluorobenzene	0.06			Y	4
B170829-BLK1	B170829-BLK1	Sec-Butylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Styrene		U		Y	4
B170829-BLK1	B170829-BLK1	T-Butylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Tert-Butyl Alcohol		U		Y	4
B170829-BLK1	B170829-BLK1	Tert-Butyl Methyl Ether		U		Y	4
B170829-BLK1	B170829-BLK1	Tetrachloroethylene (PCE)		U		Y	4
B170829-BLK1	B170829-BLK1	Tetrahydrofuran		U		Y	4
B170829-BLK1	B170829-BLK1	Toluene		U		Y	4
B170829-BLK1	B170829-BLK1	Toluene-D8	97.4			Y	4
B170829-BLK1	B170829-BLK1	Trans-1,2-Dichloroethene		U		Y	4
B170829-BLK1	B170829-BLK1	Trans-1,3-Dichloropropene		U		Y	4
B170829-BLK1	B170829-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	4
B170829-BLK1	B170829-BLK1	Trichloroethylene (TCE)		U		Y	4
B170829-BLK1	B170829-BLK1	Trichlorofluoromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Vinyl Chloride		U		Y	4
B170829-BS1	B170829-BS1	1,1,1,2-Tetrachloroethane	0.0219			Y	4
B170829-BS1	B170829-BS1	1,1,1-Trichloroethane	0.019			Y	4
B170829-BS1	B170829-BS1	1,1,2,2-Tetrachloroethane	0.019			Y	4
B170829-BS1	B170829-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0198			Y	4
B170829-BS1	B170829-BS1	1,1,2-Trichloroethane	0.0198			Y	4
B170829-BS1	B170829-BS1	1,1-Dichloroethane	0.0207			Y	4
B170829-BS1	B170829-BS1	1,1-Dichloroethene	0.0207			Y	4
B170829-BS1	B170829-BS1	1,1-Dichloropropene	0.0198			Y	4
B170829-BS1	B170829-BS1	1,2,3-Trichlorobenzene	0.0191			Y	4
B170829-BS1	B170829-BS1	1,2,3-Trichloropropane	0.0187			Y	4
B170829-BS1	B170829-BS1	1,2,4-Trichlorobenzene	0.0186			Y	4
B170829-BS1	B170829-BS1	1,2,4-Trimethylbenzene	0.0198			Y	4
B170829-BS1	B170829-BS1	1,2-Dibromo-3-Chloropropane	0.0173			Y	4
B170829-BS1	B170829-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0209			Y	4
B170829-BS1	B170829-BS1	1,2-Dichlorobenzene	0.0212			Y	4
B170829-BS1	B170829-BS1	1,2-Dichloroethane	0.0236			Y	4
B170829-BS1	B170829-BS1	1,2-Dichloroethane-D4	99			Y	4
B170829-BS1	B170829-BS1	1,2-Dichloropropane	0.0204			Y	4
B170829-BS1	B170829-BS1	1,3,5-Trichlorobenzene	0.0193			Y	4
B170829-BS1	B170829-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0217			Y	4
B170829-BS1	B170829-BS1	1,3-Dichlorobenzene	0.021			Y	4
B170829-BS1	B170829-BS1	1,3-Dichloropropane	0.0201			Y	4
B170829-BS1	B170829-BS1	1,4-Dichlorobenzene	0.0203			Y	4
B170829-BS1	B170829-BS1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170829-BS1	B170829-BS1	1,4-Difluorobenzene	0.06			Y	4
B170829-BS1	B170829-BS1	1,4-Dioxane (P-Dioxane)	0.207			Y	4
B170829-BS1	B170829-BS1	2,2-Dichloropropane	0.015			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170829-BS1	B170829-BS1	2-Chlorotoluene	0.0222			Y	4
B170829-BS1	B170829-BS1	2-Hexanone	0.227			Y	4
B170829-BS1	B170829-BS1	2-Methoxy-2-Methylbutane	0.0167			Y	4
B170829-BS1	B170829-BS1	4-Chlorotoluene	0.0203			Y	4
B170829-BS1	B170829-BS1	Acetone	0.194			Y	4
B170829-BS1	B170829-BS1	Acrylonitrile	0.0194			Y	4
B170829-BS1	B170829-BS1	Benzene	0.0197			Y	4
B170829-BS1	B170829-BS1	Bromobenzene	0.0198			Y	4
B170829-BS1	B170829-BS1	Bromochloromethane	0.0261			Y	4
B170829-BS1	B170829-BS1	Bromodichloromethane	0.0213			Y	4
B170829-BS1	B170829-BS1	Bromoform	0.0224			Y	4
B170829-BS1	B170829-BS1	Bromomethane	0.0126			Y	4
B170829-BS1	B170829-BS1	Carbon Disulfide	0.0205			Y	4
B170829-BS1	B170829-BS1	Carbon Tetrachloride	0.0193			Y	4
B170829-BS1	B170829-BS1	Chlorobenzene	0.0222			Y	4
B170829-BS1	B170829-BS1	Chlorobenzene-D5	0.06			Y	4
B170829-BS1	B170829-BS1	Chloroethane		U		Y	4
B170829-BS1	B170829-BS1	Chloroform	0.02			Y	4
B170829-BS1	B170829-BS1	Chloromethane	0.0187			Y	4
B170829-BS1	B170829-BS1	Cis-1,2-Dichloroethylene	0.019			Y	4
B170829-BS1	B170829-BS1	Cis-1,3-Dichloropropene	0.0182			Y	4
B170829-BS1	B170829-BS1	Cyclohexane	0.0206			Y	4
B170829-BS1	B170829-BS1	Cymene	0.0208			Y	4
B170829-BS1	B170829-BS1	Dibromochloromethane	0.0225			Y	4
B170829-BS1	B170829-BS1	Dibromomethane	0.0213			Y	4
B170829-BS1	B170829-BS1	Dichlorodifluoromethane		U		Y	4
B170829-BS1	B170829-BS1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170829-BS1	B170829-BS1	Ethyl Tert-Butyl Ether	0.019			Y	4
B170829-BS1	B170829-BS1	Ethylbenzene	0.0218			Y	4
B170829-BS1	B170829-BS1	Hexachlorobutadiene	0.023			Y	4
B170829-BS1	B170829-BS1	Isopropyl Ether	0.0219			Y	4
B170829-BS1	B170829-BS1	Isopropylbenzene (Cumene)	0.0232			Y	4
B170829-BS1	B170829-BS1	m,p-Xylene	0.0436			Y	4
B170829-BS1	B170829-BS1	Methyl Acetate	0.0273			Y	4
B170829-BS1	B170829-BS1	Methyl Ethyl Ketone (2-Butanone)	0.205			Y	4
B170829-BS1	B170829-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.224			Y	4
B170829-BS1	B170829-BS1	Methylcyclohexane	0.0212			Y	4
B170829-BS1	B170829-BS1	Methylene Chloride	0.0237			Y	4
B170829-BS1	B170829-BS1	Naphthalene	0.0176			Y	4
B170829-BS1	B170829-BS1	N-Butylbenzene	0.0204			Y	4
B170829-BS1	B170829-BS1	N-Propylbenzene	0.0216			Y	4
B170829-BS1	B170829-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0212			Y	4
B170829-BS1	B170829-BS1	p-Bromofluorobenzene	96.8			Y	4
B170829-BS1	B170829-BS1	Pentafluorobenzene	0.06			Y	4
B170829-BS1	B170829-BS1	Sec-Butylbenzene	0.0215			Y	4
B170829-BS1	B170829-BS1	Styrene	0.0211			Y	4
B170829-BS1	B170829-BS1	T-Butylbenzene	0.0204			Y	4
B170829-BS1	B170829-BS1	Tert-Butyl Alcohol	0.116			Y	4
B170829-BS1	B170829-BS1	Tert-Butyl Methyl Ether	0.015			Y	4
B170829-BS1	B170829-BS1	Tetrachloroethylene (PCE)	0.0231			Y	4
B170829-BS1	B170829-BS1	Tetrahydrofuran	0.0215			Y	4
B170829-BS1	B170829-BS1	Toluene	0.0216			Y	4
B170829-BS1	B170829-BS1	Toluene-D8	100			Y	4
B170829-BS1	B170829-BS1	Trans-1,2-Dichloroethene	0.0241			Y	4
B170829-BS1	B170829-BS1	Trans-1,3-Dichloropropene	0.0183			Y	4
B170829-BS1	B170829-BS1	Trans-1,4-Dichloro-2-Butene	0.02			Y	4
B170829-BS1	B170829-BS1	Trichloroethylene (TCE)	0.0213			Y	4
B170829-BS1	B170829-BS1	Trichlorofluoromethane	0.0215			Y	4
B170829-BS1	B170829-BS1	Vinyl Chloride	0.0163			Y	4
B170829-BSD1	B170829-BSD1	1,1,1,2-Tetrachloroethane	0.0227			Y	4
B170829-BSD1	B170829-BSD1	1,1,1-Trichloroethane	0.02			Y	4
B170829-BSD1	B170829-BSD1	1,1,2,2-Tetrachloroethane	0.0196			Y	4
B170829-BSD1	B170829-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0214			Y	4
B170829-BSD1	B170829-BSD1	1,1,2-Trichloroethane	0.0206			Y	4
B170829-BSD1	B170829-BSD1	1,1-Dichloroethane	0.0211			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170829-BSD1	B170829-BSD1	1,1-Dichloroethene	0.0211			Y	4
B170829-BSD1	B170829-BSD1	1,1-Dichloropropene	0.0202			Y	4
B170829-BSD1	B170829-BSD1	1,2,3-Trichlorobenzene	0.0206			Y	4
B170829-BSD1	B170829-BSD1	1,2,3-Trichloropropane	0.02			Y	4
B170829-BSD1	B170829-BSD1	1,2,4-Trichlorobenzene	0.0194			Y	4
B170829-BSD1	B170829-BSD1	1,2,4-Trimethylbenzene	0.0206			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dibromo-3-Chloropropane	0.019			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.021			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dichlorobenzene	0.0219			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dichloroethane	0.0239			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dichloroethane-D4	98.2			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dichloropropane	0.0216			Y	4
B170829-BSD1	B170829-BSD1	1,3,5-Trichlorobenzene	0.02			Y	4
B170829-BSD1	B170829-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0223			Y	4
B170829-BSD1	B170829-BSD1	1,3-Dichlorobenzene	0.0218			Y	4
B170829-BSD1	B170829-BSD1	1,3-Dichloropropane	0.02			Y	4
B170829-BSD1	B170829-BSD1	1,4-Dichlorobenzene	0.0216			Y	4
B170829-BSD1	B170829-BSD1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170829-BSD1	B170829-BSD1	1,4-Difluorobenzene	0.06			Y	4
B170829-BSD1	B170829-BSD1	1,4-Dioxane (P-Dioxane)	0.206			Y	4
B170829-BSD1	B170829-BSD1	2,2-Dichloropropane	0.0155			Y	4
B170829-BSD1	B170829-BSD1	2-Chlorotoluene	0.0226			Y	4
B170829-BSD1	B170829-BSD1	2-Hexanone	0.238			Y	4
B170829-BSD1	B170829-BSD1	2-Methoxy-2-Methylbutane	0.0175			Y	4
B170829-BSD1	B170829-BSD1	4-Chlorotoluene	0.0216			Y	4
B170829-BSD1	B170829-BSD1	Acetone	0.211			Y	4
B170829-BSD1	B170829-BSD1	Acrylonitrile	0.0201			Y	4
B170829-BSD1	B170829-BSD1	Benzene	0.02			Y	4
B170829-BSD1	B170829-BSD1	Bromobenzene	0.0206			Y	4
B170829-BSD1	B170829-BSD1	Bromochloromethane	0.0266			Y	4
B170829-BSD1	B170829-BSD1	Bromodichloromethane	0.0216			Y	4
B170829-BSD1	B170829-BSD1	Bromoform	0.023			Y	4
B170829-BSD1	B170829-BSD1	Bromomethane	0.0146			Y	4
B170829-BSD1	B170829-BSD1	Carbon Disulfide	0.0207			Y	4
B170829-BSD1	B170829-BSD1	Carbon Tetrachloride	0.0197			Y	4
B170829-BSD1	B170829-BSD1	Chlorobenzene	0.0229			Y	4
B170829-BSD1	B170829-BSD1	Chlorobenzene-D5	0.06			Y	4
B170829-BSD1	B170829-BSD1	Chloroethane		U		Y	4
B170829-BSD1	B170829-BSD1	Chloroform	0.0206			Y	4
B170829-BSD1	B170829-BSD1	Chloromethane	0.0194			Y	4
B170829-BSD1	B170829-BSD1	Cis-1,2-Dichloroethylene	0.0193			Y	4
B170829-BSD1	B170829-BSD1	Cis-1,3-Dichloropropene	0.0185			Y	4
B170829-BSD1	B170829-BSD1	Cyclohexane	0.0211			Y	4
B170829-BSD1	B170829-BSD1	Cymene	0.0214			Y	4
B170829-BSD1	B170829-BSD1	Dibromochloromethane	0.0229			Y	4
B170829-BSD1	B170829-BSD1	Dibromomethane	0.0219			Y	4
B170829-BSD1	B170829-BSD1	Dichlorodifluoromethane		U		Y	4
B170829-BSD1	B170829-BSD1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170829-BSD1	B170829-BSD1	Ethyl Tert-Butyl Ether	0.0196			Y	4
B170829-BSD1	B170829-BSD1	Ethylbenzene	0.0221			Y	4
B170829-BSD1	B170829-BSD1	Hexachlorobutadiene	0.0231			Y	4
B170829-BSD1	B170829-BSD1	Isopropyl Ether	0.0226			Y	4
B170829-BSD1	B170829-BSD1	Isopropylbenzene (Cumene)	0.0239			Y	4
B170829-BSD1	B170829-BSD1	m,p-Xylene	0.0442			Y	4
B170829-BSD1	B170829-BSD1	Methyl Acetate	0.0288			Y	4
B170829-BSD1	B170829-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.222			Y	4
B170829-BSD1	B170829-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.232			Y	4
B170829-BSD1	B170829-BSD1	Methylcyclohexane	0.0219			Y	4
B170829-BSD1	B170829-BSD1	Methylene Chloride	0.0243			Y	4
B170829-BSD1	B170829-BSD1	Naphthalene	0.019			Y	4
B170829-BSD1	B170829-BSD1	N-Butylbenzene	0.0213			Y	4
B170829-BSD1	B170829-BSD1	N-Propylbenzene	0.0222			Y	4
B170829-BSD1	B170829-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0217			Y	4
B170829-BSD1	B170829-BSD1	p-Bromofluorobenzene	98			Y	4
B170829-BSD1	B170829-BSD1	Pentafluorobenzene	0.06			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170829-BSD1	B170829-BSD1	Sec-Butylbenzene	0.0218			Y	4
B170829-BSD1	B170829-BSD1	Styrene	0.0217			Y	4
B170829-BSD1	B170829-BSD1	T-Butylbenzene	0.0212			Y	4
B170829-BSD1	B170829-BSD1	Tert-Butyl Alcohol	0.122			Y	4
B170829-BSD1	B170829-BSD1	Tert-Butyl Methyl Ether	0.015			Y	4
B170829-BSD1	B170829-BSD1	Tetrachloroethylene (PCE)	0.0245			Y	4
B170829-BSD1	B170829-BSD1	Tetrahydrofuran	0.0215			Y	4
B170829-BSD1	B170829-BSD1	Toluene	0.0218			Y	4
B170829-BSD1	B170829-BSD1	Toluene-D8	100			Y	4
B170829-BSD1	B170829-BSD1	Trans-1,2-Dichloroethene	0.0237			Y	4
B170829-BSD1	B170829-BSD1	Trans-1,3-Dichloropropene	0.0188			Y	4
B170829-BSD1	B170829-BSD1	Trans-1,4-Dichloro-2-Butene	0.02			Y	4
B170829-BSD1	B170829-BSD1	Trichloroethylene (TCE)	0.0216			Y	4
B170829-BSD1	B170829-BSD1	Trichlorofluoromethane	0.0225			Y	4
B170829-BSD1	B170829-BSD1	Vinyl Chloride	0.0172			Y	4
B170926-BLK1	B170926-BLK1	Cyanide		U		Y	4
B170926-BS1	B170926-BS1	Cyanide	0.63			Y	4
B170926-BSD1	B170926-BSD1	Cyanide	0.66			Y	4
LRB-01-2-16-17MS1	B170926-MS1	Cyanide	0.31			Y	4
LRB-01-2-16-17MSD1	B170926-MSD1	Cyanide	0.31			Y	4
B171017-BLK1	B171017-BLK1	1,1,1,2-Tetrachloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1,1-Trichloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1,2,2-Tetrachloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1,2-Trichloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1-Dichloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1-Dichloroethene		U		Y	4
B171017-BLK1	B171017-BLK1	1,1-Dichloropropene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2,3-Trichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2,3-Trichloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2,4-Trimethylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dichloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dichloroethane-D4	114			Y	4
B171017-BLK1	B171017-BLK1	1,2-Dichloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	1,3,5-Trichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
B171017-BLK1	B171017-BLK1	1,3-Dichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,3-Dichloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	1,4-Dichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,4-Dichlorobenzene-D4	30			Y	4
B171017-BLK1	B171017-BLK1	1,4-Difluorobenzene	30			Y	4
B171017-BLK1	B171017-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
B171017-BLK1	B171017-BLK1	2,2-Dichloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	2-Chlorotoluene		U		Y	4
B171017-BLK1	B171017-BLK1	2-Hexanone		U		Y	4
B171017-BLK1	B171017-BLK1	2-Methoxy-2-Methylbutane		U		Y	4
B171017-BLK1	B171017-BLK1	4-Chlorotoluene		U		Y	4
B171017-BLK1	B171017-BLK1	Acetone		U		Y	4
B171017-BLK1	B171017-BLK1	Acrylonitrile		U		Y	4
B171017-BLK1	B171017-BLK1	Benzene		U		Y	4
B171017-BLK1	B171017-BLK1	Bromobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Bromochloromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Bromodichloromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Bromoform		U		Y	4
B171017-BLK1	B171017-BLK1	Bromomethane		U		Y	4
B171017-BLK1	B171017-BLK1	Carbon Disulfide		U		Y	4
B171017-BLK1	B171017-BLK1	Carbon Tetrachloride		U		Y	4
B171017-BLK1	B171017-BLK1	Chlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Chlorobenzene-D5	30			Y	4
B171017-BLK1	B171017-BLK1	Chloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	Chloroform		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171017-BLK1	B171017-BLK1	Chloromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Cis-1,2-Dichloroethylene		U		Y	4
B171017-BLK1	B171017-BLK1	Cis-1,3-Dichloropropene		U		Y	4
B171017-BLK1	B171017-BLK1	Cyclohexane		U		Y	4
B171017-BLK1	B171017-BLK1	Cymene		U		Y	4
B171017-BLK1	B171017-BLK1	Dibromochloromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Dibromomethane		U		Y	4
B171017-BLK1	B171017-BLK1	Dichlorodifluoromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	4
B171017-BLK1	B171017-BLK1	Ethyl Tert-Butyl Ether		U		Y	4
B171017-BLK1	B171017-BLK1	Ethylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Hexachlorobutadiene		U		Y	4
B171017-BLK1	B171017-BLK1	Isopropyl Ether		U		Y	4
B171017-BLK1	B171017-BLK1	Isopropylbenzene (Cumene)		U		Y	4
B171017-BLK1	B171017-BLK1	m,p-Xylene		U		Y	4
B171017-BLK1	B171017-BLK1	Methyl Acetate		U		Y	4
B171017-BLK1	B171017-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B171017-BLK1	B171017-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
B171017-BLK1	B171017-BLK1	Methylcyclohexane		U		Y	4
B171017-BLK1	B171017-BLK1	Methylene Chloride		U		Y	4
B171017-BLK1	B171017-BLK1	Naphthalene		U		Y	4
B171017-BLK1	B171017-BLK1	N-Butylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	N-Propylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B171017-BLK1	B171017-BLK1	p-Bromofluorobenzene	97.3			Y	4
B171017-BLK1	B171017-BLK1	Pentafluorobenzene	30			Y	4
B171017-BLK1	B171017-BLK1	Sec-Butylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Styrene		U		Y	4
B171017-BLK1	B171017-BLK1	T-Butylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Tert-Butyl Alcohol		U	UJ	Y	4
B171017-BLK1	B171017-BLK1	Tert-Butyl Methyl Ether		U		Y	4
B171017-BLK1	B171017-BLK1	Tetrachloroethylene (PCE)		U		Y	4
B171017-BLK1	B171017-BLK1	Tetrahydrofuran		U		Y	4
B171017-BLK1	B171017-BLK1	Toluene		U		Y	4
B171017-BLK1	B171017-BLK1	Toluene-D8	105			Y	4
B171017-BLK1	B171017-BLK1	Trans-1,2-Dichloroethene		U		Y	4
B171017-BLK1	B171017-BLK1	Trans-1,3-Dichloropropene		U		Y	4
B171017-BLK1	B171017-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	4
B171017-BLK1	B171017-BLK1	Trichloroethylene (TCE)		U		Y	4
B171017-BLK1	B171017-BLK1	Trichlorofluoromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Vinyl Chloride		U		Y	4
B171017-BS1	B171017-BS1	1,1,1,2-Tetrachloroethane	9.53			Y	4
B171017-BS1	B171017-BS1	1,1,1-Trichloroethane	11.6			Y	4
B171017-BS1	B171017-BS1	1,1,2,2-Tetrachloroethane	10.2			Y	4
B171017-BS1	B171017-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	11.4			Y	4
B171017-BS1	B171017-BS1	1,1,2-Trichloroethane	11.6			Y	4
B171017-BS1	B171017-BS1	1,1-Dichloroethane	12.1			Y	4
B171017-BS1	B171017-BS1	1,1-Dichloroethene	11.4			Y	4
B171017-BS1	B171017-BS1	1,1-Dichloropropene	12.3			Y	4
B171017-BS1	B171017-BS1	1,2,3-Trichlorobenzene	9.47			Y	4
B171017-BS1	B171017-BS1	1,2,3-Trichloropropane	9.51			Y	4
B171017-BS1	B171017-BS1	1,2,4-Trichlorobenzene	9.89			Y	4
B171017-BS1	B171017-BS1	1,2,4-Trimethylbenzene	10.1			Y	4
B171017-BS1	B171017-BS1	1,2-Dibromo-3-Chloropropane	10.8			Y	4
B171017-BS1	B171017-BS1	1,2-Dibromoethane (Ethylene Dibromide)	11.5			Y	4
B171017-BS1	B171017-BS1	1,2-Dichlorobenzene	10.3			Y	4
B171017-BS1	B171017-BS1	1,2-Dichloroethane	11.6			Y	4
B171017-BS1	B171017-BS1	1,2-Dichloroethane-D4	111			Y	4
B171017-BS1	B171017-BS1	1,2-Dichloropropane	11			Y	4
B171017-BS1	B171017-BS1	1,3,5-Trichlorobenzene	10.4			Y	4
B171017-BS1	B171017-BS1	1,3,5-Trimethylbenzene (Mesitylene)	9.67			Y	4
B171017-BS1	B171017-BS1	1,3-Dichlorobenzene	10.6			Y	4
B171017-BS1	B171017-BS1	1,3-Dichloropropane	11			Y	4
B171017-BS1	B171017-BS1	1,4-Dichlorobenzene	10.2			Y	4
B171017-BS1	B171017-BS1	1,4-Dichlorobenzene-D4	30			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171017-BS1	B171017-BS1	1,4-Difluorobenzene	30			Y	4
B171017-BS1	B171017-BS1	1,4-Dioxane (P-Dioxane)	100		J	Y	4
B171017-BS1	B171017-BS1	2,2-Dichloropropane	8.95			Y	4
B171017-BS1	B171017-BS1	2-Chlorotoluene	10.4			Y	4
B171017-BS1	B171017-BS1	2-Hexanone	109			Y	4
B171017-BS1	B171017-BS1	2-Methoxy-2-Methylbutane	10.6			Y	4
B171017-BS1	B171017-BS1	4-Chlorotoluene	10.2			Y	4
B171017-BS1	B171017-BS1	Acetone	109			Y	4
B171017-BS1	B171017-BS1	Acrylonitrile	12.1			Y	4
B171017-BS1	B171017-BS1	Benzene	12			Y	4
B171017-BS1	B171017-BS1	Bromobenzene	10.1			Y	4
B171017-BS1	B171017-BS1	Bromochloromethane	12.7			Y	4
B171017-BS1	B171017-BS1	Bromodichloromethane	12			Y	4
B171017-BS1	B171017-BS1	Bromoform	9.93			Y	4
B171017-BS1	B171017-BS1	Bromomethane	3.8			Y	4
B171017-BS1	B171017-BS1	Carbon Disulfide	14.4			Y	4
B171017-BS1	B171017-BS1	Carbon Tetrachloride	12			Y	4
B171017-BS1	B171017-BS1	Chlorobenzene	10.1			Y	4
B171017-BS1	B171017-BS1	Chlorobenzene-D5	30			Y	4
B171017-BS1	B171017-BS1	Chloroethane	10.1			Y	4
B171017-BS1	B171017-BS1	Chloroform	12.2			Y	4
B171017-BS1	B171017-BS1	Chloromethane	7.3			Y	4
B171017-BS1	B171017-BS1	Cis-1,2-Dichloroethylene	11.2			Y	4
B171017-BS1	B171017-BS1	Cis-1,3-Dichloropropene	10			Y	4
B171017-BS1	B171017-BS1	Cyclohexane	13.1			Y	4
B171017-BS1	B171017-BS1	Cymene	9.76			Y	4
B171017-BS1	B171017-BS1	Dibromochloromethane	11.8			Y	4
B171017-BS1	B171017-BS1	Dibromomethane	11.9			Y	4
B171017-BS1	B171017-BS1	Dichlorodifluoromethane	7.31			Y	4
B171017-BS1	B171017-BS1	Diethyl Ether (Ethyl Ether)	11.6			Y	4
B171017-BS1	B171017-BS1	Ethyl Tert-Butyl Ether	11			Y	4
B171017-BS1	B171017-BS1	Ethylbenzene	10.1			Y	4
B171017-BS1	B171017-BS1	Hexachlorobutadiene	11.5			Y	4
B171017-BS1	B171017-BS1	Isopropyl Ether	11.4			Y	4
B171017-BS1	B171017-BS1	Isopropylbenzene (Cumene)	10.3			Y	4
B171017-BS1	B171017-BS1	m,p-Xylene	20.4			Y	4
B171017-BS1	B171017-BS1	Methyl Acetate	14.2			Y	4
B171017-BS1	B171017-BS1	Methyl Ethyl Ketone (2-Butanone)	112			Y	4
B171017-BS1	B171017-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	105			Y	4
B171017-BS1	B171017-BS1	Methylcyclohexane	11.3			Y	4
B171017-BS1	B171017-BS1	Methylene Chloride	12.9			Y	4
B171017-BS1	B171017-BS1	Naphthalene	7.85			Y	4
B171017-BS1	B171017-BS1	N-Butylbenzene	10.6			Y	4
B171017-BS1	B171017-BS1	N-Propylbenzene	10.2			Y	4
B171017-BS1	B171017-BS1	O-Xylene (1,2-Dimethylbenzene)	9.95			Y	4
B171017-BS1	B171017-BS1	p-Bromofluorobenzene	102			Y	4
B171017-BS1	B171017-BS1	Pentafluorobenzene	30			Y	4
B171017-BS1	B171017-BS1	Sec-Butylbenzene	10.7			Y	4
B171017-BS1	B171017-BS1	Styrene	9.91			Y	4
B171017-BS1	B171017-BS1	T-Butylbenzene	10.1			Y	4
B171017-BS1	B171017-BS1	Tert-Butyl Alcohol	71.8		J	Y	4
B171017-BS1	B171017-BS1	Tert-Butyl Methyl Ether	10.8			Y	4
B171017-BS1	B171017-BS1	Tetrachloroethylene (PCE)	11.8			Y	4
B171017-BS1	B171017-BS1	Tetrahydrofuran	11.7			Y	4
B171017-BS1	B171017-BS1	Toluene	11.5			Y	4
B171017-BS1	B171017-BS1	Toluene-D8	107			Y	4
B171017-BS1	B171017-BS1	Trans-1,2-Dichloroethene	13.4			Y	4
B171017-BS1	B171017-BS1	Trans-1,3-Dichloropropene	10.3			Y	4
B171017-BS1	B171017-BS1	Trans-1,4-Dichloro-2-Butene	8.51			Y	4
B171017-BS1	B171017-BS1	Trichloroethylene (TCE)	11.3			Y	4
B171017-BS1	B171017-BS1	Trichlorofluoromethane	11.2			Y	4
B171017-BS1	B171017-BS1	Vinyl Chloride	9.32			Y	4
B171017-BSD1	B171017-BSD1	1,1,1,2-Tetrachloroethane	9.6			Y	4
B171017-BSD1	B171017-BSD1	1,1,1-Trichloroethane	11			Y	4
B171017-BSD1	B171017-BSD1	1,1,2,2-Tetrachloroethane	10.1			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171017-BSD1	B171017-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	11			Y	4
B171017-BSD1	B171017-BSD1	1,1,2-Trichloroethane	11.5			Y	4
B171017-BSD1	B171017-BSD1	1,1-Dichloroethane	11.8			Y	4
B171017-BSD1	B171017-BSD1	1,1-Dichloroethene	11.2			Y	4
B171017-BSD1	B171017-BSD1	1,1-Dichloropropene	11.6			Y	4
B171017-BSD1	B171017-BSD1	1,2,3-Trichlorobenzene	9.97			Y	4
B171017-BSD1	B171017-BSD1	1,2,3-Trichloropropane	9.94			Y	4
B171017-BSD1	B171017-BSD1	1,2,4-Trichlorobenzene	10.1			Y	4
B171017-BSD1	B171017-BSD1	1,2,4-Trimethylbenzene	10			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dibromo-3-Chloropropane	11.1			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	11.5			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dichlorobenzene	10.1			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dichloroethane	11.6			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dichloroethane-D4	110			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dichloropropane	10.9			Y	4
B171017-BSD1	B171017-BSD1	1,3,5-Trichlorobenzene	10.6			Y	4
B171017-BSD1	B171017-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	9.31			Y	4
B171017-BSD1	B171017-BSD1	1,3-Dichlorobenzene	10.2			Y	4
B171017-BSD1	B171017-BSD1	1,3-Dichloropropane	11			Y	4
B171017-BSD1	B171017-BSD1	1,4-Dichlorobenzene	10			Y	4
B171017-BSD1	B171017-BSD1	1,4-Dichlorobenzene-D4	30			Y	4
B171017-BSD1	B171017-BSD1	1,4-Difluorobenzene	30			Y	4
B171017-BSD1	B171017-BSD1	1,4-Dioxane (P-Dioxane)	104		J	Y	4
B171017-BSD1	B171017-BSD1	2,2-Dichloropropane	8.46			Y	4
B171017-BSD1	B171017-BSD1	2-Chlorotoluene	10.2			Y	4
B171017-BSD1	B171017-BSD1	2-Hexanone	113			Y	4
B171017-BSD1	B171017-BSD1	2-Methoxy-2-Methylbutane	10.5			Y	4
B171017-BSD1	B171017-BSD1	4-Chlorotoluene	10			Y	4
B171017-BSD1	B171017-BSD1	Acetone	115			Y	4
B171017-BSD1	B171017-BSD1	Acrylonitrile	12			Y	4
B171017-BSD1	B171017-BSD1	Benzene	11.6			Y	4
B171017-BSD1	B171017-BSD1	Bromobenzene	9.89			Y	4
B171017-BSD1	B171017-BSD1	Bromochloromethane	12.1			Y	4
B171017-BSD1	B171017-BSD1	Bromodichloromethane	11.8			Y	4
B171017-BSD1	B171017-BSD1	Bromoform	10			Y	4
B171017-BSD1	B171017-BSD1	Bromomethane	4.25			Y	4
B171017-BSD1	B171017-BSD1	Carbon Disulfide	14.1			Y	4
B171017-BSD1	B171017-BSD1	Carbon Tetrachloride	11.6			Y	4
B171017-BSD1	B171017-BSD1	Chlorobenzene	9.83			Y	4
B171017-BSD1	B171017-BSD1	Chlorobenzene-D5	30			Y	4
B171017-BSD1	B171017-BSD1	Chloroethane	9.64			Y	4
B171017-BSD1	B171017-BSD1	Chloroform	11.7			Y	4
B171017-BSD1	B171017-BSD1	Chloromethane	7.3			Y	4
B171017-BSD1	B171017-BSD1	Cis-1,2-Dichloroethylene	10.7			Y	4
B171017-BSD1	B171017-BSD1	Cis-1,3-Dichloropropene	9.73			Y	4
B171017-BSD1	B171017-BSD1	Cyclohexane	12.6			Y	4
B171017-BSD1	B171017-BSD1	Cymene	9.54			Y	4
B171017-BSD1	B171017-BSD1	Dibromochloromethane	11.7			Y	4
B171017-BSD1	B171017-BSD1	Dibromomethane	12			Y	4
B171017-BSD1	B171017-BSD1	Dichlorodifluoromethane	7.33			Y	4
B171017-BSD1	B171017-BSD1	Diethyl Ether (Ethyl Ether)	11.8			Y	4
B171017-BSD1	B171017-BSD1	Ethyl Tert-Butyl Ether	10.8			Y	4
B171017-BSD1	B171017-BSD1	Ethylbenzene	9.67			Y	4
B171017-BSD1	B171017-BSD1	Hexachlorobutadiene	11			Y	4
B171017-BSD1	B171017-BSD1	Isopropyl Ether	11			Y	4
B171017-BSD1	B171017-BSD1	Isopropylbenzene (Cumene)	10.2			Y	4
B171017-BSD1	B171017-BSD1	m,p-Xylene	19.8			Y	4
B171017-BSD1	B171017-BSD1	Methyl Acetate	14			Y	4
B171017-BSD1	B171017-BSD1	Methyl Ethyl Ketone (2-Butanone)	113			Y	4
B171017-BSD1	B171017-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	110			Y	4
B171017-BSD1	B171017-BSD1	Methylcyclohexane	10.9			Y	4
B171017-BSD1	B171017-BSD1	Methylene Chloride	12.4			Y	4
B171017-BSD1	B171017-BSD1	Naphthalene	8.19			Y	4
B171017-BSD1	B171017-BSD1	N-Butylbenzene	10.3			Y	4
B171017-BSD1	B171017-BSD1	N-Propylbenzene	9.91			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171017-BSD1	B171017-BSD1	O-Xylene (1,2-Dimethylbenzene)	9.56			Y	4
B171017-BSD1	B171017-BSD1	p-Bromofluorobenzene	101			Y	4
B171017-BSD1	B171017-BSD1	Pentafluorobenzene	30			Y	4
B171017-BSD1	B171017-BSD1	Sec-Butylbenzene	10.4			Y	4
B171017-BSD1	B171017-BSD1	Styrene	9.64			Y	4
B171017-BSD1	B171017-BSD1	T-Butylbenzene	9.81			Y	4
B171017-BSD1	B171017-BSD1	Tert-Butyl Alcohol	74.8		J	Y	4
B171017-BSD1	B171017-BSD1	Tert-Butyl Methyl Ether	11			Y	4
B171017-BSD1	B171017-BSD1	Tetrachloroethylene (PCE)	11.4			Y	4
B171017-BSD1	B171017-BSD1	Tetrahydrofuran	12.3			Y	4
B171017-BSD1	B171017-BSD1	Toluene	11.4			Y	4
B171017-BSD1	B171017-BSD1	Toluene-D8	105			Y	4
B171017-BSD1	B171017-BSD1	Trans-1,2-Dichloroethene	13.4			Y	4
B171017-BSD1	B171017-BSD1	Trans-1,3-Dichloropropene	10.4			Y	4
B171017-BSD1	B171017-BSD1	Trans-1,4-Dichloro-2-Butene	9.36			Y	4
B171017-BSD1	B171017-BSD1	Trichloroethylene (TCE)	11.4			Y	4
B171017-BSD1	B171017-BSD1	Trichlorofluoromethane	10.8			Y	4
B171017-BSD1	B171017-BSD1	Vinyl Chloride	8.97			Y	4
B171052-BLK1	B171052-BLK1	Cyanide		U		Y	4
B171052-BS1	B171052-BS1	Cyanide	58	D		Y	4
B171052-BSD1	B171052-BSD1	Cyanide	62	D		Y	4
LW-04-COMP1-0-4.10'M	B171052-MS1	Cyanide	19			Y	4
LW-04-COMP1-0-4.10'M	B171052-MSD1	Cyanide	19			Y	4
B171093-BLK1	B171093-BLK1	Aluminum		U	UJ	Y	4
B171093-BLK1	B171093-BLK1	Antimony		U		Y	4
B171093-BLK1	B171093-BLK1	Arsenic		U		Y	4
B171093-BLK1	B171093-BLK1	Barium		U		Y	4
B171093-BLK1	B171093-BLK1	Beryllium		U		Y	4
B171093-BLK1	B171093-BLK1	Cadmium		U		Y	4
B171093-BLK1	B171093-BLK1	Calcium		U		Y	4
B171093-BLK1	B171093-BLK1	Chromium, Total		U		Y	4
B171093-BLK1	B171093-BLK1	Cobalt		U	UJ	Y	4
B171093-BLK1	B171093-BLK1	Copper		U		Y	4
B171093-BLK1	B171093-BLK1	Iron		U		Y	4
B171093-BLK1	B171093-BLK1	Lead		U		Y	4
B171093-BLK1	B171093-BLK1	Magnesium		U		Y	4
B171093-BLK1	B171093-BLK1	Manganese		U		Y	4
B171093-BLK1	B171093-BLK1	Nickel		U		Y	4
B171093-BLK1	B171093-BLK1	Potassium		U		Y	4
B171093-BLK1	B171093-BLK1	Selenium		U		Y	4
B171093-BLK1	B171093-BLK1	Silver		U	UJ	Y	4
B171093-BLK1	B171093-BLK1	Sodium		U		Y	4
B171093-BLK1	B171093-BLK1	Thallium		U		Y	4
B171093-BLK1	B171093-BLK1	Vanadium		U	UJ	Y	4
B171093-BLK1	B171093-BLK1	Zinc		U		Y	4
B171093-BS1	B171093-BS1	Silver	0.46		J	Y	4
B171093-BS2	B171093-BS2	Aluminum	2		J	Y	4
B171093-BS2	B171093-BS2	Antimony	2.09			Y	4
B171093-BS2	B171093-BS2	Arsenic	2.1			Y	4
B171093-BS2	B171093-BS2	Barium	2.06			Y	4
B171093-BS2	B171093-BS2	Beryllium	2.08		JH	Y	4
B171093-BS2	B171093-BS2	Cadmium	2.13		JH	Y	4
B171093-BS2	B171093-BS2	Calcium	2.11			Y	4
B171093-BS2	B171093-BS2	Chromium, Total	2.05			Y	4
B171093-BS2	B171093-BS2	Cobalt	2.07		J	Y	4
B171093-BS2	B171093-BS2	Copper	2.06			Y	4
B171093-BS2	B171093-BS2	Iron	2.1			Y	4
B171093-BS2	B171093-BS2	Lead	2.06		JH	Y	4
B171093-BS2	B171093-BS2	Magnesium	2.09		JH	Y	4
B171093-BS2	B171093-BS2	Manganese	2.07			Y	4
B171093-BS2	B171093-BS2	Nickel	2.09			Y	4
B171093-BS2	B171093-BS2	Potassium	20.6			Y	4
B171093-BS2	B171093-BS2	Selenium	2.18		JH	Y	4
B171093-BS2	B171093-BS2	Sodium		U		Y	4
B171093-BS2	B171093-BS2	Thallium	2.03		JH	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171093-BS2	B171093-BS2	Vanadium	1.99		J	Y	4
B171093-BS2	B171093-BS2	Zinc	2.13			Y	4
B171093-BSD1	B171093-BSD1	Silver	0.501		J	Y	4
B171093-BSD2	B171093-BSD2	Aluminum	2.01		J	Y	4
B171093-BSD2	B171093-BSD2	Antimony	2.1			Y	4
B171093-BSD2	B171093-BSD2	Arsenic	2.11			Y	4
B171093-BSD2	B171093-BSD2	Barium	2.08			Y	4
B171093-BSD2	B171093-BSD2	Beryllium	2.1		JH	Y	4
B171093-BSD2	B171093-BSD2	Cadmium	2.12		JH	Y	4
B171093-BSD2	B171093-BSD2	Calcium	2.17			Y	4
B171093-BSD2	B171093-BSD2	Chromium, Total	2.04			Y	4
B171093-BSD2	B171093-BSD2	Cobalt	2.07		J	Y	4
B171093-BSD2	B171093-BSD2	Copper	2.05			Y	4
B171093-BSD2	B171093-BSD2	Iron	2.14			Y	4
B171093-BSD2	B171093-BSD2	Lead	2.06		JH	Y	4
B171093-BSD2	B171093-BSD2	Magnesium	2.12		JH	Y	4
B171093-BSD2	B171093-BSD2	Manganese	2.12			Y	4
B171093-BSD2	B171093-BSD2	Nickel	2.08			Y	4
B171093-BSD2	B171093-BSD2	Potassium	20.4			Y	4
B171093-BSD2	B171093-BSD2	Selenium	2.18		JH	Y	4
B171093-BSD2	B171093-BSD2	Sodium		U		Y	4
B171093-BSD2	B171093-BSD2	Thallium	2.02		JH	Y	4
B171093-BSD2	B171093-BSD2	Vanadium	2.01		J	Y	4
B171093-BSD2	B171093-BSD2	Zinc	2.12			Y	4
B171137-BLK1	B171137-BLK1	Mercury		U		Y	4
B171137-BS1	B171137-BS1	Mercury	8.8	D		Y	4
B171137-BSD1	B171137-BSD1	Mercury	10.3	D		Y	4
LW-01-COMP2-4-10.2'DL	B171137-DUP1	Mercury	0.15			Y	4
LW-01-COMP2-4-10.2'M	B171137-MS1	Mercury	0.346			Y	4
LW-01-COMP2-4-10.2'M	B171137-MSD1	Mercury	0.361			Y	4
B171205-BLK1	B171205-BLK1	Aluminum		U	UJ	Y	4
B171205-BLK1	B171205-BLK1	Antimony		U		Y	4
B171205-BLK1	B171205-BLK1	Arsenic		U		Y	4
B171205-BLK1	B171205-BLK1	Barium		U		Y	4
B171205-BLK1	B171205-BLK1	Beryllium		U		Y	4
B171205-BLK1	B171205-BLK1	Cadmium		U		Y	4
B171205-BLK1	B171205-BLK1	Calcium		U		Y	4
B171205-BLK1	B171205-BLK1	Chromium, Total		U		Y	4
B171205-BLK1	B171205-BLK1	Cobalt		U	UJ	Y	4
B171205-BLK1	B171205-BLK1	Copper		U		Y	4
B171205-BLK1	B171205-BLK1	Iron		U		Y	4
B171205-BLK1	B171205-BLK1	Lead		U		Y	4
B171205-BLK1	B171205-BLK1	Magnesium		U		Y	4
B171205-BLK1	B171205-BLK1	Manganese		U		Y	4
B171205-BLK1	B171205-BLK1	Nickel		U		Y	4
B171205-BLK1	B171205-BLK1	Potassium		U		Y	4
B171205-BLK1	B171205-BLK1	Selenium		U		Y	4
B171205-BLK1	B171205-BLK1	Silver		U	UJ	Y	4
B171205-BLK1	B171205-BLK1	Sodium		U		Y	4
B171205-BLK1	B171205-BLK1	Thallium		U		Y	4
B171205-BLK1	B171205-BLK1	Vanadium		U	UJ	Y	4
B171205-BLK1	B171205-BLK1	Zinc		U		Y	4
B171205-BS1	B171205-BS1	Aluminum	5010		JH	Y	4
B171205-BS1	B171205-BS1	Antimony	145		J	Y	4
B171205-BS1	B171205-BS1	Arsenic	55.7			Y	4
B171205-BS1	B171205-BS1	Barium	101			Y	4
B171205-BS1	B171205-BS1	Beryllium	69.9		JH	Y	4
B171205-BS1	B171205-BS1	Cadmium	74.8		JH	Y	4
B171205-BS1	B171205-BS1	Calcium	6070			Y	4
B171205-BS1	B171205-BS1	Chromium, Total	62			Y	4
B171205-BS1	B171205-BS1	Cobalt	57		J	Y	4
B171205-BS1	B171205-BS1	Copper	57			Y	4
B171205-BS1	B171205-BS1	Iron	12000			Y	4
B171205-BS1	B171205-BS1	Lead	80.2		JH	Y	4
B171205-BS1	B171205-BS1	Magnesium	2180		JH	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171205-BS1	B171205-BS1	Manganese	248			Y	4
B171205-BS1	B171205-BS1	Nickel	58.6			Y	4
B171205-BS1	B171205-BS1	Potassium	1940			Y	4
B171205-BS1	B171205-BS1	Selenium	83.4		JH	Y	4
B171205-BS1	B171205-BS1	Silver	49.8		J	Y	4
B171205-BS1	B171205-BS1	Sodium	823			Y	4
B171205-BS1	B171205-BS1	Thallium	172		JH	Y	4
B171205-BS1	B171205-BS1	Vanadium	52.2		J	Y	4
B171205-BS1	B171205-BS1	Zinc	190			Y	4
B171205-BSD1	B171205-BSD1	Aluminum	4640		JH	Y	4
B171205-BSD1	B171205-BSD1	Antimony	141		J	Y	4
B171205-BSD1	B171205-BSD1	Arsenic	53.7			Y	4
B171205-BSD1	B171205-BSD1	Barium	92.4			Y	4
B171205-BSD1	B171205-BSD1	Beryllium	67.4		JH	Y	4
B171205-BSD1	B171205-BSD1	Cadmium	70.1		JH	Y	4
B171205-BSD1	B171205-BSD1	Calcium	6040			Y	4
B171205-BSD1	B171205-BSD1	Chromium, Total	59.6			Y	4
B171205-BSD1	B171205-BSD1	Cobalt	54.2		J	Y	4
B171205-BSD1	B171205-BSD1	Copper	54.5			Y	4
B171205-BSD1	B171205-BSD1	Iron	11700			Y	4
B171205-BSD1	B171205-BSD1	Lead	76		JH	Y	4
B171205-BSD1	B171205-BSD1	Magnesium	2060		JH	Y	4
B171205-BSD1	B171205-BSD1	Manganese	242			Y	4
B171205-BSD1	B171205-BSD1	Nickel	55.6			Y	4
B171205-BSD1	B171205-BSD1	Potassium	1840			Y	4
B171205-BSD1	B171205-BSD1	Selenium	80.2		JH	Y	4
B171205-BSD1	B171205-BSD1	Silver	47.5		J	Y	4
B171205-BSD1	B171205-BSD1	Sodium	801			Y	4
B171205-BSD1	B171205-BSD1	Thallium	163		JH	Y	4
B171205-BSD1	B171205-BSD1	Vanadium	50.1		J	Y	4
B171205-BSD1	B171205-BSD1	Zinc	182			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Aluminum	7560		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Antimony		U	UJ	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Arsenic		U		Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Barium	285			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Beryllium	0.637		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Cadmium	3.18		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Calcium	54400			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Chromium, Total	197			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Cobalt	12.7		J	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Copper	108			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Iron	62100			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Lead	132		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Magnesium	8770		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Manganese	763			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Nickel	127			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Potassium	900			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Selenium	6.84		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Silver		U	UJ	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Sodium	226			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Thallium	6.4		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Vanadium	40.2		J	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Zinc	231			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Aluminum	7610		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Antimony	116		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Arsenic	120			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Beryllium	113		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Cadmium	113		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Calcium	64000			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Chromium, Total	289			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Cobalt	110		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Copper	252			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Iron	61100		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Magnesium	9380		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Manganese	974			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'M	B171205-MS1	Nickel	220			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Potassium	2180			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Selenium	120		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Silver	106		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Sodium	360			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Thallium	117		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Vanadium	147		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Zinc	320		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Aluminum	8050		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Antimony	157		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Arsenic	116			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Beryllium	113		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Cadmium	112		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Calcium	48400			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Chromium, Total	277			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Cobalt	112		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Copper	303			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Iron	64800		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Magnesium	10200		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Manganese	952			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Nickel	218			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Potassium	2120			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Selenium	119		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Silver	106		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Sodium	476			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Thallium	116		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Vanadium	148		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Zinc	328		JH	Y	4
B171271-BLK1	B171271-BLK1	Mercury		U		Y	4
B171271-BLK1	B171271-BLK1	Mercury		U		Y	4
B171271-BS1	B171271-BS1	Mercury	0.00198			Y	4
B171271-BS1	B171271-BS1	Mercury	0.00198			Y	4
B171271-BSD1	B171271-BSD1	Mercury	0.00213			Y	4
B171271-BSD1	B171271-BSD1	Mercury	0.00213			Y	4
LRB-01-2-16-17DUP1	B171271-DUP1	Mercury	0.00013			Y	4
LRB-01-2-16-17MS1	B171271-MS1	Mercury	0.00202			Y	4
LW-01-COMP2-4-10.2'DL	B171459-DUP2	Barium	250			Y	4
LW-01-COMP2-4-10.2'DL	B171459-DUP2	Lead	115		J	Y	4
LW-01-COMP2-4-10.2'M	B171459-MS2	Barium	403			Y	4
LW-01-COMP2-4-10.2'M	B171459-MS2	Lead	370		J	Y	4
LW-01-COMP2-4-10.2'M	B171459-MSD2	Barium	338			Y	4
LW-01-COMP2-4-10.2'M	B171459-MSD2	Lead	256		J	Y	4



APPENDIX E
DATA USABILITY SUMMARY REPORTS

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
Con-test Analytical Laboratory SDG#17B0503
May 7, 2017
Reissued; May 26, 2017
Sampling date: 2/9, 10/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
SDG# 17B0503

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers (reissued May 26, 2017), project located at 683 Northland Ave., Project #20170105, Con-test Analytical Laboratory, SDG#17B0503, submitted to Vali-Data of WNY, LLC on April 25, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C-D), Mercury (7471B) and in accordance with wet chemistry methods.

Results were recorded to the reporting limits, as confirmed by LiRo Engineers .

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Holding Times, Internal Standard, Surrogate Spike Recoveries, Laboratory Control Samples, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met except the pH of Trip Blank was outside QC limits. Detected target analytes in this sample should be qualified as estimated low and undetected target analytes should be qualified as unusable.

INTERNAL STANDARD (IS)

All criteria were met except the area of 1,4-Dichlorobenzene-d₄ was outside QC limits, low in LB-28-10.5-11 and LB-28-10.5-11RE1. Associated target analytes detected in these samples should be qualified as estimated high. Associated target analytes not detected in these samples should be qualified as estimated.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of Bromofluorobenzene was outside QC limits, high in LB-14-3.5-4, LB-07-4.5-5 and LB-12-1-1.5. Associated, detected target analytes in these samples should be qualified as estimated.

The %Rec of Bromofluorobenzene in LB-28-10.5-11RE1 was outside laboratory QC limits but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Bromochloromethane and Methyl Acetate was outside QC limits, high in B170319-BS1/BSD1. The %Rec of Methyl Acetate was outside QC limits, high in B170370-BS1/BSD1. The %Rec of 1,2,3-Trichlorobenzene was outside QC limits, high in B170743-BS1/BSD1. These target analytes should be qualified as estimated in the associated samples, if detected.

The %Rec of Chloromethane, 2-Hexanone and Methyl Acetate was outside QC limits, low in B170239-BS1/BSD1. The %Rec of Chloromethane was outside QC limits, low in B170812-BS1/BSD1. These target analytes should be qualified as estimated in the associated samples. The %RPD of Bromomethane was outside QC limits between B170743-BS1 and B170743-BSD1 and should be qualified as estimated in the associated samples.

The %Rec of several target analytes was outside QC limits in the laboratory control sample or the duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of 1,4-Dioxane was outside ASP outer limit in the initial calibration performed on instruments GCMSVOA1, GCMSVOA2 and GCMSVOA5. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

The RRF of Trichloroethene was outside QC limits in the initial calibration performed on instrument GCMSVOA5. ASP allows for up to two target analytes to be outside QC limits without further action.

Alternate forms of regression were performed on all target analytes whose %RSD >15%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of tert-Butyl alcohol and the RRF of 1,4-Dioxane were outside outer ASP QC limits in S013701-CCV1 and S013702-CCV1, and should be qualified as estimated in the associated blanks, spikes and samples. The %D of Chloromethane was outside outer ASP QC limits in S013335-CCV1 and S013338-CCV1, and should be qualified as estimated in the associated blanks, spikes and samples. The RRF of 1,4-Dioxane were outside outer ASP QC limits in S013335-CCV1, S013338-CCV1 and S013631-CCV1 and should be qualified as estimated in the associated blanks, spikes and samples

The %D of 1,2,3-Trichlorobenzene and 1,3,5-Trichlorobenzene was outside QC limits in S013631-CCV1. ASP allows for up to two target analytes to be outside QC limits without further action.

The %D of some target analytes was outside laboratory QC limits but was within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries

683 Northland Ave.

SDG# 17B0503

- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Narrative and Data Reporting Forms, Surrogate Spike Recoveries, Laboratory Control Samples, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except the %RPD between LB-12-Comp 2-4-9MS and LB-12-Comp 2-4-9MSD for several target analytes was not recorded. Those target analytes should be qualified as estimated in LB-12-Comp 2-4-9MS, LB-12-Comp 2-4-9MSD and LB-12-Comp 2-4-9. Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4,6-Tribromophenol was outside QC limits, low in LB-15-Comp 1-0-4, LB-14-Comp 2-4-10.5, LB-15-Comp 2-4-8.5, LB-18-Comp 1-0-4, LB-27-Comp 1-0-4, LB-08-Comp 1-0-4, LB-09-Comp 1-0-4, LB-09-Comp 2-4-10.7, LB-12-Comp 2-4-9, LB-12-Comp 2-4-9MS1/MSD1, LB-07-Comp 1-0-4 and LB-29-Comp 1-0-4. The %Rec of Nitrobenzene-d₅ was outside QC limits, low in LB-13-Comp 3-10-15. The %Rec of 2-Fluorophenol was outside QC limits, low in LB-15-Comp 1-0-4. Associated, detected target analytes in this sample should be qualified as estimated low. Associated, undetected target analytes in this sample should be qualified as estimated.

The %Rec of several surrogates was outside laboratory QC limits but within ASP limits, so no further action is required.

The %Rec of several surrogates was outside QC limits due to dilution, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Benzoic acid was outside QC limits, low in B170411-BS1/BSD1. The %RPD between B1710411-BS1 and B170411-BSD1 was outside QC limits for Benzidine and 4-Chloroaniline. These target analytes should be qualified as estimated in the associated samples.

The %Rec of Benzidine was outside QC limits, low in B170675-BSD1 but within limits in B170675-BS1, so no further action is required.

MS/MSD

All criteria were met except Benzoic acid, 4,6-Dinitro-2-methylphenol, 2,4-Dinitrophenol, Hexachlorocyclopentadiene, 2-Nitrophenol, Pentachlorophenol, Phenanthrene, 2,4,5-Trichlorophenol and 2,4,6-Trichlorophenol was outside QC limits, low in LB-12-Comp 2-4-9MS1/MSD1. These target analytes should be qualified as estimated in LB-12-Comp 2-4-9MS1/MSD1 and LB-12-Comp 2-4-9.

Several target analytes were outside QC limits in LB-12-Comp 2-4-9MSD1 but were within limits in LB-12-Comp 2-4-9MS1, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Benzidine was outside ASP outer QC limits in in all continuing calibrations. This target analytes should be qualified as estimated in the associated blanks, spikes and samples.

The %D of 3/4-Methylphenol and N-Nitrosodi-n-propylamine was outside QC limits in S013731-CCV1. The %D of Benzo(g,h,i)perylene and Dibenz(a,h)anthracene was outside QC limits in S013590-CCV1. The %D of Pentachlorophenol was outside QC limits in S013591-CCV1. The %D

of Hexachlorobenzene was outside QC limits in S013595-CCV1. ASP allows for up to four target analytes to be outside QC limits without further action.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of all surrogates was outside QC limits due to dilution in LB-02-Comp 2-4-9.2. No further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in MS/MSD, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except several surrogates were outside QC limits due to dilution. No further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Aroclor 1260 was outside QC limits, high in LB-12-Comp 2-4-9MS1/MSD1 off column 1 and should be qualified as estimated. The %Rec of Aroclor 1016 was outside QC limits, high in LB-12-Comp 2-4-9MS1/MSD1 off column 2 and should be qualified as estimated. Results recorded from these columns should be qualified as estimated in LB-12-Comp 2-4-9, if detected.

The %Rec of Aroclor 1260 was outside QC limits, high in LB-12-Comp 2-4-9MSD1 off column 2 and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1254 in sample; LB-28-Comp1-0-4. The RPD between the columns was outside QC limits for Aroclor 1016 in samples; LB-12-Comp 2-4-9MS1/MSD1. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on some of the target analytes in the initial calibration performed on instrument ECD10 with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 and TCMX was outside QC limits in S013470-CCV9 off column 1. The %D of Aroclor 1260 was outside QC limits in S013470-CCVE and S013470-CCVF off column 1. The %D of DCBP was outside QC limits in S013555-CCVB, CCVC off column 1. The %D of Aroclor 1260 and Aroclor 1016 was outside QC limits in S013558-CCV1 off column 2. These target analytes should be qualified as estimated in the associated samples, blanks and spikes off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, Laboratory Control Samples, MS/MSD/Duplicate and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Cd was detected in B170657-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Pb was detected in B170760-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met except the %Rec of Sb was outside ASP QC limits, high in B170631-BS1/BSD1. This target analyte should be qualified as estimated high in the associated laboratory control samples and the associated samples, if detected.

MS/MSD/DUPLICATE

All criteria were met except the %RPD of Hg was outside QC limits between LB-12-Comp 2-4-9 and LB-12-Comp 2-4-9DUP1. This target analyte should be qualified as estimated in LB-12-Comp 2-4-9.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Pb and Se was outside ASP QC limits, high, in S013864-LCV1. The %Rec of Ag was outside ASP QC limits, high in S013867-LCV1. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of As was outside ASP QC limits, low, in S013864-LCV1. The %Rec of As, Cr, Co, Cu, Pb, Ag, V and Zn was outside ASP QC limits, low in S013866-LCV1. The %Rec of Co and Tl was outside ASP QC limits, low in S013867-LCV1. The %Rec of Ca was outside ASP QC limits, low in S013869-LCV1. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids
- Cyanide

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

%SOLIDS

All criteria were met.

CYANIDE

All criteria were met.

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-COMP 1-0-4	17B0503-01	Arsenic	18		J	Y	0.42	3	4
LB-14-COMP 1-0-4	17B0503-01	Barium	250			Y	0.17	3	4
LB-14-COMP 1-0-4	17B0503-01	Cadmium	3.1		JH	Y	0.16	0.3	4
LB-14-COMP 1-0-4	17B0503-01	Chromium, Total	330			Y	0.39	0.6	4
LB-14-COMP 1-0-4	17B0503-01	Lead	420		JH	Y	0.25	0.9	4
LB-14-COMP 1-0-4	17B0503-01	Selenium	5.4	J	JH	Y	1.3	1.3	4
LB-14-COMP 1-0-4	17B0503-01	Silver	1.3			Y	0.48	0.6	4
LB-15-COMP 1-0-4	17B0503-02	Aluminum	6500			Y	2.6	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Antimony	56		JH	Y	1.7	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Arsenic		U	UJ	Y	0.36	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Barium	240			Y	0.15	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Beryllium	2.3			Y	0.19	0.26	4
LB-15-COMP 1-0-4	17B0503-02	Cadmium	3.1			Y	0.14	0.26	4
LB-15-COMP 1-0-4	17B0503-02	Calcium	150000	D	J	Y	50	79	4
LB-15-COMP 1-0-4	17B0503-02	Chromium, Total	1300		J	Y	0.34	0.53	4
LB-15-COMP 1-0-4	17B0503-02	Cobalt	5.2		J	Y	0.32	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Copper	110		J	Y	0.26	0.53	4
LB-15-COMP 1-0-4	17B0503-02	Iron	110000	D		Y	120	130	4
LB-15-COMP 1-0-4	17B0503-02	Lead	340		J	Y	0.22	0.79	4
LB-15-COMP 1-0-4	17B0503-02	Magnesium	48000	D		Y	52	160	4
LB-15-COMP 1-0-4	17B0503-02	Manganese	29000	D		Y	3.7	5.3	4
LB-15-COMP 1-0-4	17B0503-02	Nickel	23			Y	0.21	0.53	4
LB-15-COMP 1-0-4	17B0503-02	Potassium	470			Y	64	110	4
LB-15-COMP 1-0-4	17B0503-02	Selenium		U		Y	1.2	1.2	4
LB-15-COMP 1-0-4	17B0503-02	Silver		U	UJ	Y	0.42	0.53	4
LB-15-COMP 1-0-4	17B0503-02	Sodium	450			Y	59	110	4
LB-15-COMP 1-0-4	17B0503-02	Thallium		U		Y	1	2.6	4
LB-15-COMP 1-0-4	17B0503-02	Vanadium	440		J	Y	0.37	1.1	4
LB-15-COMP 1-0-4	17B0503-02	Zinc	890		J	Y	0.81	1.1	4
LB-14-COMP 2-4-10.5	17B0503-03	Arsenic	7		J	Y	0.41	3	4
LB-14-COMP 2-4-10.5	17B0503-03	Barium	360			Y	0.17	3	4
LB-14-COMP 2-4-10.5	17B0503-03	Cadmium	2.6		JH	Y	0.16	0.3	4
LB-14-COMP 2-4-10.5	17B0503-03	Chromium, Total	82			Y	0.39	0.6	4
LB-14-COMP 2-4-10.5	17B0503-03	Lead	660		JH	Y	0.25	0.9	4
LB-14-COMP 2-4-10.5	17B0503-03	Selenium	5.4	J	JH	Y	1.3	1.3	4
LB-14-COMP 2-4-10.5	17B0503-03	Silver		U		Y	0.48	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Aluminum	13000			Y	2.9	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Antimony	19		JH	Y	1.9	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Arsenic	10		J	Y	0.41	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Barium	210			Y	0.17	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Beryllium	1.2			Y	0.22	0.3	4
LB-15-COMP 2-4-8.5	17B0503-04	Cadmium	0.44			Y	0.16	0.3	4
LB-15-COMP 2-4-8.5	17B0503-04	Calcium	83000	D	J	Y	28	45	4
LB-15-COMP 2-4-8.5	17B0503-04	Chromium, Total	430		J	Y	0.39	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Cobalt	11		J	Y	0.36	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Copper	62		J	Y	0.3	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Iron	51000	D		Y	28	30	4
LB-15-COMP 2-4-8.5	17B0503-04	Lead	92		J	Y	0.25	0.9	4
LB-15-COMP 2-4-8.5	17B0503-04	Magnesium	22000	D		Y	15	45	4
LB-15-COMP 2-4-8.5	17B0503-04	Manganese	5300			Y	0.43	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Nickel	94			Y	0.23	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Potassium	1900			Y	73	120	4
LB-15-COMP 2-4-8.5	17B0503-04	Selenium	4.6	J		Y	1.3	1.3	4
LB-15-COMP 2-4-8.5	17B0503-04	Silver	1.4		J	Y	0.48	0.6	4
LB-15-COMP 2-4-8.5	17B0503-04	Sodium	250			Y	68	120	4
LB-15-COMP 2-4-8.5	17B0503-04	Thallium		U		Y	1.2	3	4
LB-15-COMP 2-4-8.5	17B0503-04	Vanadium	100		J	Y	0.43	1.2	4
LB-15-COMP 2-4-8.5	17B0503-04	Zinc	240		J	Y	0.92	1.2	4
LB-18-COMP 1-0-4	17B0503-05	Aluminum	5000			Y	2.6	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Antimony		U		Y	1.7	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Arsenic	7.8		J	Y	0.37	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Barium	20			Y	0.16	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Beryllium	0.38			Y	0.2	0.27	4
LB-18-COMP 1-0-4	17B0503-05	Cadmium	0.38			Y	0.14	0.27	4
LB-18-COMP 1-0-4	17B0503-05	Calcium	40000	D	J	Y	10	16	4
LB-18-COMP 1-0-4	17B0503-05	Chromium, Total	11		J	Y	0.35	0.54	4
LB-18-COMP 1-0-4	17B0503-05	Cobalt	6		J	Y	0.32	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Copper	26		J	Y	0.27	0.54	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-18-COMP 1-0-4	17B0503-05	Iron	16000	D		Y	13	13	4
LB-18-COMP 1-0-4	17B0503-05	Lead	12		J	Y	0.22	0.8	4
LB-18-COMP 1-0-4	17B0503-05	Magnesium	3900			Y	2.7	8	4
LB-18-COMP 1-0-4	17B0503-05	Manganese	340			Y	0.38	0.54	4
LB-18-COMP 1-0-4	17B0503-05	Nickel	20			Y	0.21	0.54	4
LB-18-COMP 1-0-4	17B0503-05	Potassium	750			Y	66	110	4
LB-18-COMP 1-0-4	17B0503-05	Selenium		U		Y	1.2	1.2	4
LB-18-COMP 1-0-4	17B0503-05	Silver	0.79		J	Y	0.43	0.54	4
LB-18-COMP 1-0-4	17B0503-05	Sodium		U		Y	61	110	4
LB-18-COMP 1-0-4	17B0503-05	Thallium		U		Y	1.1	2.7	4
LB-18-COMP 1-0-4	17B0503-05	Vanadium	11		J	Y	0.38	1.1	4
LB-18-COMP 1-0-4	17B0503-05	Zinc	62		J	Y	0.82	1.1	4
LB-26-COMP 1-0-4	17B0503-06	Arsenic		U	UJ	Y	0.4	2.9	4
LB-26-COMP 1-0-4	17B0503-06	Barium	140			Y	0.17	2.9	4
LB-26-COMP 1-0-4	17B0503-06	Cadmium	1.5		JH	Y	0.16	0.29	4
LB-26-COMP 1-0-4	17B0503-06	Chromium, Total	190			Y	0.37	0.58	4
LB-26-COMP 1-0-4	17B0503-06	Lead	190		JH	Y	0.24	0.86	4
LB-26-COMP 1-0-4	17B0503-06	Selenium		U		Y	1.3	1.3	4
LB-26-COMP 1-0-4	17B0503-06	Silver		U		Y	0.46	0.58	4
LB-26-COMP 2-4-7.8	17B0503-07	Arsenic		U	UJ	Y	0.41	3	4
LB-26-COMP 2-4-7.8	17B0503-07	Barium	150			Y	0.17	3	4
LB-26-COMP 2-4-7.8	17B0503-07	Cadmium	1.2		JH	Y	0.16	0.3	4
LB-26-COMP 2-4-7.8	17B0503-07	Chromium, Total	110			Y	0.39	0.6	4
LB-26-COMP 2-4-7.8	17B0503-07	Lead	82		JH	Y	0.25	0.9	4
LB-26-COMP 2-4-7.8	17B0503-07	Selenium	3	J	JH	Y	1.3	1.3	4
LB-26-COMP 2-4-7.8	17B0503-07	Silver		U		Y	0.48	0.6	4
LB-27-COMP 1-0-4	17B0503-08	Arsenic	3.4		J	Y	0.42	3	4
LB-27-COMP 1-0-4	17B0503-08	Barium	1800			Y	0.18	3	4
LB-27-COMP 1-0-4	17B0503-08	Cadmium	6.6		JH	Y	0.16	0.3	4
LB-27-COMP 1-0-4	17B0503-08	Chromium, Total	650			Y	0.39	0.61	4
LB-27-COMP 1-0-4	17B0503-08	Lead	680		JH	Y	0.25	0.91	4
LB-27-COMP 1-0-4	17B0503-08	Selenium	3.9	J	JH	Y	1.4	1.4	4
LB-27-COMP 1-0-4	17B0503-08	Silver	1.9			Y	0.49	0.61	4
LB-27-COMP 2-4-10.3	17B0503-09	Arsenic	4.2		J	Y	0.41	2.9	4
LB-27-COMP 2-4-10.3	17B0503-09	Barium	660			Y	0.17	2.9	4
LB-27-COMP 2-4-10.3	17B0503-09	Cadmium	2.2		JH	Y	0.16	0.29	4
LB-27-COMP 2-4-10.3	17B0503-09	Chromium, Total	260			Y	0.38	0.59	4
LB-27-COMP 2-4-10.3	17B0503-09	Lead	280		JH	Y	0.25	0.88	4
LB-27-COMP 2-4-10.3	17B0503-09	Selenium	4.3	J	JH	Y	1.3	1.3	4
LB-27-COMP 2-4-10.3	17B0503-09	Silver	0.65			Y	0.47	0.59	4
LB-28-COMP 1-0-4	17B0503-10	Arsenic	7.8		J	Y	0.43	3.1	4
LB-28-COMP 1-0-4	17B0503-10	Barium	400			Y	0.18	3.1	4
LB-28-COMP 1-0-4	17B0503-10	Cadmium	5.4			Y	0.17	0.31	4
LB-28-COMP 1-0-4	17B0503-10	Chromium, Total	680			Y	0.41	0.63	4
LB-28-COMP 1-0-4	17B0503-10	Lead	280		JH	Y	0.26	0.94	4
LB-28-COMP 1-0-4	17B0503-10	Selenium		U		Y	1.4	1.4	4
LB-28-COMP 1-0-4	17B0503-10	Silver	12			Y	0.5	0.63	4
LB-08-COMP 1-0-4	17B0503-11	Arsenic	24		J	Y	0.42	3	4
LB-08-COMP 1-0-4	17B0503-11	Barium	270			Y	0.18	3	4
LB-08-COMP 1-0-4	17B0503-11	Cadmium	1.6			Y	0.16	0.3	4
LB-08-COMP 1-0-4	17B0503-11	Chromium, Total	170			Y	0.39	0.61	4
LB-08-COMP 1-0-4	17B0503-11	Lead	180		JH	Y	0.25	0.91	4
LB-08-COMP 1-0-4	17B0503-11	Selenium	4.6	J	JH	Y	1.4	1.4	4
LB-08-COMP 1-0-4	17B0503-11	Silver		U		Y	0.49	0.61	4
LB-08-COMP 2-4-10.2	17B0503-12	Aluminum	6900			Y	2.9	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Antimony	100		JH	Y	1.9	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Arsenic	16		J	Y	0.4	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Barium	370			Y	0.17	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Beryllium	0.51			Y	0.22	0.29	4
LB-08-COMP 2-4-10.2	17B0503-12	Cadmium	0.31			Y	0.16	0.29	4
LB-08-COMP 2-4-10.2	17B0503-12	Calcium	15000		J	Y	5.5	8.8	4
LB-08-COMP 2-4-10.2	17B0503-12	Chromium, Total	60		J	Y	0.38	0.59	4
LB-08-COMP 2-4-10.2	17B0503-12	Cobalt	9.5		J	Y	0.35	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Copper	260		J	Y	0.29	0.59	4
LB-08-COMP 2-4-10.2	17B0503-12	Iron	71000	D		Y	55	59	4
LB-08-COMP 2-4-10.2	17B0503-12	Lead	970		J	Y	0.25	0.88	4
LB-08-COMP 2-4-10.2	17B0503-12	Magnesium	4500			Y	2.9	8.8	4
LB-08-COMP 2-4-10.2	17B0503-12	Manganese	670			Y	0.42	0.59	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-08-COMP 2-4-10.2	17B0503-12	Nickel	48			Y	0.23	0.59	4
LB-08-COMP 2-4-10.2	17B0503-12	Potassium	950			Y	72	120	4
LB-08-COMP 2-4-10.2	17B0503-12	Selenium		U		Y	1.3	1.3	4
LB-08-COMP 2-4-10.2	17B0503-12	Silver	2.4		J	Y	0.47	0.59	4
LB-08-COMP 2-4-10.2	17B0503-12	Sodium		U		Y	66	120	4
LB-08-COMP 2-4-10.2	17B0503-12	Thallium		U		Y	1.2	2.9	4
LB-08-COMP 2-4-10.2	17B0503-12	Vanadium	21		J	Y	0.42	1.2	4
LB-08-COMP 2-4-10.2	17B0503-12	Zinc	200		J	Y	0.9	1.2	4
LB-09-COMP 1-0-4	17B0503-13	Arsenic	8.1		J	Y	0.44	3.2	4
LB-09-COMP 1-0-4	17B0503-13	Barium	89			Y	0.18	3.2	4
LB-09-COMP 1-0-4	17B0503-13	Cadmium	1.7			Y	0.17	0.32	4
LB-09-COMP 1-0-4	17B0503-13	Chromium, Total	310			Y	0.41	0.63	4
LB-09-COMP 1-0-4	17B0503-13	Lead	170		JH	Y	0.27	0.95	4
LB-09-COMP 1-0-4	17B0503-13	Selenium		U		Y	1.4	1.4	4
LB-09-COMP 1-0-4	17B0503-13	Silver		U		Y	0.51	0.63	4
LB-09-COMP 2-4-10.7	17B0503-14	Arsenic	4.1		J	Y	0.43	3.1	4
LB-09-COMP 2-4-10.7	17B0503-14	Barium	2200			Y	0.18	3.1	4
LB-09-COMP 2-4-10.7	17B0503-14	Cadmium	2.4			Y	0.17	0.31	4
LB-09-COMP 2-4-10.7	17B0503-14	Chromium, Total	80			Y	0.41	0.63	4
LB-09-COMP 2-4-10.7	17B0503-14	Lead	380		JH	Y	0.26	0.94	4
LB-09-COMP 2-4-10.7	17B0503-14	Selenium	4.7	J	JH	Y	1.4	1.4	4
LB-09-COMP 2-4-10.7	17B0503-14	Silver	0.99			Y	0.5	0.63	4
LB-11-COMP 2-4-9	17B0503-15	Arsenic		U	UJ	Y	0.4	2.9	4
LB-11-COMP 2-4-9	17B0503-15	Barium	1500			Y	0.17	2.9	4
LB-11-COMP 2-4-9	17B0503-15	Cadmium	3			Y	0.16	0.29	4
LB-11-COMP 2-4-9	17B0503-15	Chromium, Total	220			Y	0.38	0.58	4
LB-11-COMP 2-4-9	17B0503-15	Lead	590		JH	Y	0.25	0.88	4
LB-11-COMP 2-4-9	17B0503-15	Selenium	3.3	J	JH	Y	1.3	1.3	4
LB-11-COMP 2-4-9	17B0503-15	Silver	1.3			Y	0.47	0.58	4
LB-11-COMP 1-0-4	17B0503-16	Aluminum	11000			Y	3	3	4
LB-11-COMP 1-0-4	17B0503-16	Antimony	67		JH	Y	1.9	3	4
LB-11-COMP 1-0-4	17B0503-16	Arsenic	25		J	Y	0.42	3	4
LB-11-COMP 1-0-4	17B0503-16	Barium	170			Y	0.17	3	4
LB-11-COMP 1-0-4	17B0503-16	Beryllium	1.1			Y	0.22	0.3	4
LB-11-COMP 1-0-4	17B0503-16	Cadmium	0.42			Y	0.16	0.3	4
LB-11-COMP 1-0-4	17B0503-16	Calcium	50000	D	J	Y	11	18	4
LB-11-COMP 1-0-4	17B0503-16	Chromium, Total	670		J	Y	0.39	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Cobalt	14		J	Y	0.36	3	4
LB-11-COMP 1-0-4	17B0503-16	Copper	79		J	Y	0.3	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Iron	54000	D		Y	28	30	4
LB-11-COMP 1-0-4	17B0503-16	Lead	690		J	Y	0.25	0.91	4
LB-11-COMP 1-0-4	17B0503-16	Magnesium	13000	D		Y	15	45	4
LB-11-COMP 1-0-4	17B0503-16	Manganese	930			Y	0.43	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Nickel	140			Y	0.24	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Potassium	2100			Y	74	120	4
LB-11-COMP 1-0-4	17B0503-16	Selenium		U		Y	1.4	1.4	4
LB-11-COMP 1-0-4	17B0503-16	Silver	1.7		J	Y	0.48	0.6	4
LB-11-COMP 1-0-4	17B0503-16	Sodium	200			Y	68	120	4
LB-11-COMP 1-0-4	17B0503-16	Thallium		U		Y	1.2	3	4
LB-11-COMP 1-0-4	17B0503-16	Vanadium	45		J	Y	0.43	1.2	4
LB-11-COMP 1-0-4	17B0503-16	Zinc	140		J	Y	0.92	1.2	4
LB-12-COMP 1-0-4	17B0503-17	Arsenic	5.4		J	Y	0.43	3.1	4
LB-12-COMP 1-0-4	17B0503-17	Barium	240			Y	0.18	3.1	4
LB-12-COMP 1-0-4	17B0503-17	Cadmium	3.9			Y	0.17	0.31	4
LB-12-COMP 1-0-4	17B0503-17	Chromium, Total	250			Y	0.4	0.62	4
LB-12-COMP 1-0-4	17B0503-17	Lead	140		JH	Y	0.26	0.93	4
LB-12-COMP 1-0-4	17B0503-17	Selenium	2.6	J	JH	Y	1.4	1.4	4
LB-12-COMP 1-0-4	17B0503-17	Silver	9.3			Y	0.49	0.62	4
LB-12-COMP 2-4-9	17B0503-18	Arsenic	3.3		J	Y	0.43	3.1	4
LB-12-COMP 2-4-9	17B0503-18	Barium	270			Y	0.18	3.1	4
LB-12-COMP 2-4-9	17B0503-18	Cadmium	3.2			Y	0.17	0.31	4
LB-12-COMP 2-4-9	17B0503-18	Chromium, Total	170			Y	0.41	0.63	4
LB-12-COMP 2-4-9	17B0503-18	Lead	570		JH	Y	0.26	0.94	4
LB-12-COMP 2-4-9	17B0503-18	Selenium	4.3	J	JH	Y	1.4	1.4	4
LB-12-COMP 2-4-9	17B0503-18	Silver		U		Y	0.5	0.63	4
LB-13-COMP 1-0-4	17B0503-19	Arsenic	5.8		J	Y	0.41	3	4
LB-13-COMP 1-0-4	17B0503-19	Barium	430			Y	0.17	3	4
LB-13-COMP 1-0-4	17B0503-19	Cadmium	1.7			Y	0.16	0.3	4

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LB-13-COMP 1-0-4	17B0503-19	Chromium, Total	210			Y	0.39	0.59	4
LB-13-COMP 1-0-4	17B0503-19	Lead	290		JH	Y	0.25	0.89	4
LB-13-COMP 1-0-4	17B0503-19	Selenium	3.3	J	JH	Y	1.3	1.3	4
LB-13-COMP 1-0-4	17B0503-19	Silver	3.4			Y	0.47	0.59	4
LB-13-COMP 2-4-9.8	17B0503-20	Arsenic	12		J	Y	0.42	3.1	4
LB-13-COMP 2-4-9.8	17B0503-20	Barium	720			Y	0.18	3.1	4
LB-13-COMP 2-4-9.8	17B0503-20	Cadmium	5.2			Y	0.16	0.31	4
LB-13-COMP 2-4-9.8	17B0503-20	Chromium, Total	300			Y	0.4	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	Lead	1200		JH	Y	0.26	0.92	4
LB-13-COMP 2-4-9.8	17B0503-20	Selenium	4.7	J	JH	Y	1.4	1.4	4
LB-13-COMP 2-4-9.8	17B0503-20	Silver	2.4			Y	0.49	0.61	4
LB-01-COMP 1-0-4	17B0503-23	Arsenic		U	UJ	Y	0.39	2.8	4
LB-01-COMP 1-0-4	17B0503-23	Barium	390			Y	0.16	2.8	4
LB-01-COMP 1-0-4	17B0503-23	Cadmium	2.4			Y	0.15	0.28	4
LB-01-COMP 1-0-4	17B0503-23	Chromium, Total	260			Y	0.37	0.56	4
LB-01-COMP 1-0-4	17B0503-23	Lead	500		JH	Y	0.24	0.85	4
LB-01-COMP 1-0-4	17B0503-23	Selenium	3.3	J	JH	Y	1.3	1.3	4
LB-01-COMP 1-0-4	17B0503-23	Silver	2.4			Y	0.45	0.56	4
LB-01-COMP 2-4-9.8	17B0503-24	Arsenic		U	UJ	Y	0.41	2.9	4
LB-01-COMP 2-4-9.8	17B0503-24	Barium	80			Y	0.17	2.9	4
LB-01-COMP 2-4-9.8	17B0503-24	Cadmium	0.76			Y	0.16	0.29	4
LB-01-COMP 2-4-9.8	17B0503-24	Chromium, Total	36			Y	0.38	0.59	4
LB-01-COMP 2-4-9.8	17B0503-24	Lead	42		JH	Y	0.25	0.88	4
LB-01-COMP 2-4-9.8	17B0503-24	Selenium	1.7	J	JH	Y	1.3	1.3	4
LB-01-COMP 2-4-9.8	17B0503-24	Silver	0.69			Y	0.47	0.59	4
LB-02-COMP 1-0-4	17B0503-25	Arsenic	6.4		J	Y	0.4	2.9	4
LB-02-COMP 1-0-4	17B0503-25	Barium	270			Y	0.17	2.9	4
LB-02-COMP 1-0-4	17B0503-25	Cadmium	1.8			Y	0.16	0.29	4
LB-02-COMP 1-0-4	17B0503-25	Chromium, Total	170			Y	0.37	0.57	4
LB-02-COMP 1-0-4	17B0503-25	Lead	330		JH	Y	0.24	0.86	4
LB-02-COMP 1-0-4	17B0503-25	Selenium	4.3	J	JH	Y	1.3	1.3	4
LB-02-COMP 1-0-4	17B0503-25	Silver	1.6			Y	0.46	0.57	4
LB-02-COMP 2-4-9.2	17B0503-26	Aluminum	11000			Y	3	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Antimony	13		JH	Y	1.9	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Arsenic	11		J	Y	0.42	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Barium	170			Y	0.18	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Beryllium	0.89			Y	0.22	0.3	4
LB-02-COMP 2-4-9.2	17B0503-26	Cadmium		U		Y	0.16	0.3	4
LB-02-COMP 2-4-9.2	17B0503-26	Calcium	14000		J	Y	5.7	9.1	4
LB-02-COMP 2-4-9.2	17B0503-26	Chromium, Total	260		J	Y	0.39	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Cobalt	13		J	Y	0.36	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Copper	63		J	Y	0.3	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Iron	47000	D		Y	29	30	4
LB-02-COMP 2-4-9.2	17B0503-26	Lead	110		J	Y	0.25	0.91	4
LB-02-COMP 2-4-9.2	17B0503-26	Magnesium	6200	D		Y	6	18	4
LB-02-COMP 2-4-9.2	17B0503-26	Manganese	560			Y	0.43	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Nickel	160			Y	0.24	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Potassium	1700			Y	74	120	4
LB-02-COMP 2-4-9.2	17B0503-26	Selenium		U		Y	1.4	1.4	4
LB-02-COMP 2-4-9.2	17B0503-26	Silver	1.7		J	Y	0.48	0.61	4
LB-02-COMP 2-4-9.2	17B0503-26	Sodium	310			Y	68	120	4
LB-02-COMP 2-4-9.2	17B0503-26	Thallium		U		Y	1.2	3	4
LB-02-COMP 2-4-9.2	17B0503-26	Vanadium	36		J	Y	0.43	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	Zinc	130		J	Y	0.93	1.2	4
LB-03-COMP 1-0-4	17B0503-27	Arsenic	11		J	Y	0.37	2.7	4
LB-03-COMP 1-0-4	17B0503-27	Barium	620			Y	0.16	2.7	4
LB-03-COMP 1-0-4	17B0503-27	Cadmium	3			Y	0.15	0.27	4
LB-03-COMP 1-0-4	17B0503-27	Chromium, Total	100			Y	0.35	0.54	4
LB-03-COMP 1-0-4	17B0503-27	Lead	3100		JH	Y	0.23	0.81	4
LB-03-COMP 1-0-4	17B0503-27	Selenium		U		Y	1.2	1.2	4
LB-03-COMP 1-0-4	17B0503-27	Silver	1.3			Y	0.43	0.54	4
LB-03-COMP 2-4-9.9	17B0503-28	Arsenic		U	UJ	Y	0.45	3.3	4
LB-03-COMP 2-4-9.9	17B0503-28	Barium	130			Y	0.19	3.3	4
LB-03-COMP 2-4-9.9	17B0503-28	Cadmium	1.3			Y	0.18	0.33	4
LB-03-COMP 2-4-9.9	17B0503-28	Chromium, Total	32			Y	0.42	0.65	4
LB-03-COMP 2-4-9.9	17B0503-28	Lead	290		JH	Y	0.27	0.98	4
LB-03-COMP 2-4-9.9	17B0503-28	Selenium	1.9	J	JH	Y	1.5	1.5	4
LB-03-COMP 2-4-9.9	17B0503-28	Silver	1.5			Y	0.52	0.65	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-07-COMP 1-0-4	17B0503-29	Arsenic	4.9		J	Y	0.39	2.8	4
LB-07-COMP 1-0-4	17B0503-29	Barium	200			Y	0.17	2.8	4
LB-07-COMP 1-0-4	17B0503-29	Cadmium	1.7			Y	0.15	0.28	4
LB-07-COMP 1-0-4	17B0503-29	Chromium, Total	89			Y	0.37	0.57	4
LB-07-COMP 1-0-4	17B0503-29	Lead	160		JH	Y	0.24	0.85	4
LB-07-COMP 1-0-4	17B0503-29	Selenium		U		Y	1.3	1.3	4
LB-07-COMP 1-0-4	17B0503-29	Silver		U		Y	0.46	0.57	4
LB-07-COMP 2-4-9.7	17B0503-30	Arsenic	7.8		J	Y	0.41	3	4
LB-07-COMP 2-4-9.7	17B0503-30	Barium	1500			Y	0.17	3	4
LB-07-COMP 2-4-9.7	17B0503-30	Cadmium	3.2			Y	0.16	0.3	4
LB-07-COMP 2-4-9.7	17B0503-30	Chromium, Total	330			Y	0.39	0.6	4
LB-07-COMP 2-4-9.7	17B0503-30	Lead	320		JH	Y	0.25	0.9	4
LB-07-COMP 2-4-9.7	17B0503-30	Selenium	4.4	J	JH	Y	1.3	1.3	4
LB-07-COMP 2-4-9.7	17B0503-30	Silver	2.5			Y	0.48	0.6	4
LB-28-COMP 2-4-11	17B0503-51	Aluminum	11000			Y	3	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Antimony	32		JH	Y	2	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Arsenic	18		J	Y	0.43	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Barium	480			Y	0.18	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Beryllium	0.85			Y	0.23	0.31	4
LB-28-COMP 2-4-11	17B0503-51	Cadmium	0.52			Y	0.17	0.31	4
LB-28-COMP 2-4-11	17B0503-51	Calcium	20000		J	Y	5.8	9.3	4
LB-28-COMP 2-4-11	17B0503-51	Chromium, Total	330		J	Y	0.4	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Cobalt	23		J	Y	0.37	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Copper	230		J	Y	0.31	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Iron	91000	D		Y	58	62	4
LB-28-COMP 2-4-11	17B0503-51	Lead	360		J	Y	0.26	0.93	4
LB-28-COMP 2-4-11	17B0503-51	Magnesium	7300	D		Y	6.1	19	4
LB-28-COMP 2-4-11	17B0503-51	Manganese	1400			Y	0.44	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Nickel	250			Y	0.24	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Potassium	1300			Y	76	120	4
LB-28-COMP 2-4-11	17B0503-51	Selenium		U		Y	1.4	1.4	4
LB-28-COMP 2-4-11	17B0503-51	Silver	1.9		J	Y	0.49	0.62	4
LB-28-COMP 2-4-11	17B0503-51	Sodium	140			Y	70	120	4
LB-28-COMP 2-4-11	17B0503-51	Thallium		U		Y	1.2	3.1	4
LB-28-COMP 2-4-11	17B0503-51	Vanadium	42		J	Y	0.44	1.2	4
LB-28-COMP 2-4-11	17B0503-51	Zinc	360		J	Y	0.94	1.2	4
LB-29-COMP 1-0-4	17B0503-52	Arsenic	5.9		J	Y	0.4	2.9	4
LB-29-COMP 1-0-4	17B0503-52	Barium	140			Y	0.17	2.9	4
LB-29-COMP 1-0-4	17B0503-52	Cadmium	1			Y	0.16	0.29	4
LB-29-COMP 1-0-4	17B0503-52	Chromium, Total	27			Y	0.38	0.58	4
LB-29-COMP 1-0-4	17B0503-52	Lead	130		JH	Y	0.24	0.87	4
LB-29-COMP 1-0-4	17B0503-52	Selenium		U		Y	1.3	1.3	4
LB-29-COMP 1-0-4	17B0503-52	Silver		U		Y	0.46	0.58	4
LB-29-COMP 2-4-9.3	17B0503-53	Arsenic	3.3		J	Y	0.42	3	4
LB-29-COMP 2-4-9.3	17B0503-53	Barium	110			Y	0.17	3	4
LB-29-COMP 2-4-9.3	17B0503-53	Cadmium	0.78			Y	0.16	0.3	4
LB-29-COMP 2-4-9.3	17B0503-53	Chromium, Total	17			Y	0.39	0.6	4
LB-29-COMP 2-4-9.3	17B0503-53	Lead	86		JH	Y	0.25	0.9	4
LB-29-COMP 2-4-9.3	17B0503-53	Selenium	2.9	J	JH	Y	1.3	1.3	4
LB-29-COMP 2-4-9.3	17B0503-53	Silver		U		Y	0.48	0.6	4
LB-13-COMP 3-10-15	17B0503-54	Arsenic	7.4		J	Y	0.41	3	4
LB-13-COMP 3-10-15	17B0503-54	Barium	910			Y	0.17	3	4
LB-13-COMP 3-10-15	17B0503-54	Cadmium	6			Y	0.16	0.3	4
LB-13-COMP 3-10-15	17B0503-54	Chromium, Total	340			Y	0.38	0.59	4
LB-13-COMP 3-10-15	17B0503-54	Lead	1800		JH	Y	0.25	0.89	4
LB-13-COMP 3-10-15	17B0503-54	Selenium	5.2	J	JH	Y	1.3	1.3	4
LB-13-COMP 3-10-15	17B0503-54	Silver	2.1			Y	0.47	0.59	4
B170631-BLK1	B170631-BLK1	Aluminum		U		Y	2.4	2.5	4
B170631-BLK1	B170631-BLK1	Antimony		U		Y	1.6	2.5	4
B170631-BLK1	B170631-BLK1	Arsenic		U		Y	0.34	2.5	4
B170631-BLK1	B170631-BLK1	Barium		U		Y	0.14	2.5	4
B170631-BLK1	B170631-BLK1	Beryllium		U		Y	0.18	0.25	4
B170631-BLK1	B170631-BLK1	Cadmium		U		Y	0.14	0.25	4
B170631-BLK1	B170631-BLK1	Calcium		U		Y	4.7	7.5	4
B170631-BLK1	B170631-BLK1	Chromium, Total		U		Y	0.32	0.5	4
B170631-BLK1	B170631-BLK1	Cobalt		U	UJ	Y	0.3	2.5	4
B170631-BLK1	B170631-BLK1	Copper		U		Y	0.25	0.5	4
B170631-BLK1	B170631-BLK1	Iron		U		Y	2.4	2.5	4

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B170631-BLK1	B170631-BLK1	Lead		U		Y	0.21	0.75	4
B170631-BLK1	B170631-BLK1	Magnesium		U		Y	2.5	7.5	4
B170631-BLK1	B170631-BLK1	Manganese		U		Y	0.36	0.5	4
B170631-BLK1	B170631-BLK1	Nickel		U		Y	0.2	0.5	4
B170631-BLK1	B170631-BLK1	Potassium		U		Y	61	100	4
B170631-BLK1	B170631-BLK1	Selenium		U		Y	1.1	1.1	4
B170631-BLK1	B170631-BLK1	Silver		U		Y	0.4	0.5	4
B170631-BLK1	B170631-BLK1	Sodium		U		Y	56	100	4
B170631-BLK1	B170631-BLK1	Thallium		U	UJ	Y	0.99	2.5	4
B170631-BLK1	B170631-BLK1	Vanadium		U		Y	0.36	1	4
B170631-BLK1	B170631-BLK1	Zinc		U		Y	0.76	1	4
B170631-BS1	B170631-BS1	Aluminum	5950			Y	4.9	5	4
B170631-BS1	B170631-BS1	Antimony	162		JH	Y	3.2	5	4
B170631-BS1	B170631-BS1	Arsenic	60.5		J	Y	0.68	5	4
B170631-BS1	B170631-BS1	Barium	109			Y	0.29	5	4
B170631-BS1	B170631-BS1	Beryllium	78.4			Y	0.37	0.5	4
B170631-BS1	B170631-BS1	Cadmium	80.7			Y	0.27	0.5	4
B170631-BS1	B170631-BS1	Calcium	6500			Y	9.3	15	4
B170631-BS1	B170631-BS1	Chromium, Total	69		J	Y	0.64	0.99	4
B170631-BS1	B170631-BS1	Cobalt	62.6		J	Y	0.59	5	4
B170631-BS1	B170631-BS1	Copper	61.2		J	Y	0.5	0.99	4
B170631-BS1	B170631-BS1	Iron	13500			Y	4.7	5	4
B170631-BS1	B170631-BS1	Lead	86.8		J	Y	0.42	1.5	4
B170631-BS1	B170631-BS1	Magnesium	2380			Y	4.9	15	4
B170631-BS1	B170631-BS1	Manganese	269			Y	0.7	0.99	4
B170631-BS1	B170631-BS1	Nickel	63.8			Y	0.39	0.99	4
B170631-BS1	B170631-BS1	Potassium	2440			Y	120	200	4
B170631-BS1	B170631-BS1	Selenium	79.6			Y	2.2	2.2	4
B170631-BS1	B170631-BS1	Silver	57.8		J	Y	0.79	0.99	4
B170631-BS1	B170631-BS1	Sodium	938			Y	110	200	4
B170631-BS1	B170631-BS1	Thallium	191			Y	2	5	4
B170631-BS1	B170631-BS1	Vanadium	56.4		J	Y	0.7	2	4
B170631-BS1	B170631-BS1	Zinc	211		J	Y	1.5	2	4
B170631-BSD1	B170631-BSD1	Aluminum	5700			Y	4.9	5	4
B170631-BSD1	B170631-BSD1	Antimony	153		JH	Y	3.2	5	4
B170631-BSD1	B170631-BSD1	Arsenic	59.8		J	Y	0.68	5	4
B170631-BSD1	B170631-BSD1	Barium	108			Y	0.29	5	4
B170631-BSD1	B170631-BSD1	Beryllium	75.9			Y	0.37	0.5	4
B170631-BSD1	B170631-BSD1	Cadmium	79.9			Y	0.27	0.5	4
B170631-BSD1	B170631-BSD1	Calcium	6320			Y	9.3	15	4
B170631-BSD1	B170631-BSD1	Chromium, Total	72.6		J	Y	0.65	0.99	4
B170631-BSD1	B170631-BSD1	Cobalt	61.4		J	Y	0.6	5	4
B170631-BSD1	B170631-BSD1	Copper	59.8		J	Y	0.5	0.99	4
B170631-BSD1	B170631-BSD1	Iron	13000			Y	4.7	5	4
B170631-BSD1	B170631-BSD1	Lead	109		J	Y	0.42	1.5	4
B170631-BSD1	B170631-BSD1	Magnesium	2320			Y	4.9	15	4
B170631-BSD1	B170631-BSD1	Manganese	285			Y	0.7	0.99	4
B170631-BSD1	B170631-BSD1	Nickel	61.5			Y	0.39	0.99	4
B170631-BSD1	B170631-BSD1	Potassium	2360			Y	120	200	4
B170631-BSD1	B170631-BSD1	Selenium	76.8			Y	2.2	2.2	4
B170631-BSD1	B170631-BSD1	Silver	55		J	Y	0.79	0.99	4
B170631-BSD1	B170631-BSD1	Sodium	916			Y	110	200	4
B170631-BSD1	B170631-BSD1	Thallium	186			Y	2	5	4
B170631-BSD1	B170631-BSD1	Vanadium	54.3		J	Y	0.7	2	4
B170631-BSD1	B170631-BSD1	Zinc	207		J	Y	1.5	2	4
B170657-BLK1	B170657-BLK1	Arsenic		U	UJ	Y	0.34	2.5	4
B170657-BLK1	B170657-BLK1	Barium		U		Y	0.14	2.5	4
B170657-BLK1	B170657-BLK1	Cadmium		U		Y	0.14	0.25	4
B170657-BLK1	B170657-BLK1	Chromium, Total		U		Y	0.32	0.5	4
B170657-BLK1	B170657-BLK1	Lead		U		Y	0.21	0.75	4
B170657-BLK1	B170657-BLK1	Selenium		U		Y	1.1	1.1	4
B170657-BLK1	B170657-BLK1	Silver		U		Y	0.4	0.5	4
B170657-BS1	B170657-BS1	Arsenic	52.1		J	Y	0.68	5	4
B170657-BS1	B170657-BS1	Barium	95			Y	0.29	5	4
B170657-BS1	B170657-BS1	Cadmium	73.1			Y	0.27	0.5	4
B170657-BS1	B170657-BS1	Chromium, Total	59.8			Y	0.64	0.99	4
B170657-BS1	B170657-BS1	Lead	79		JH	Y	0.42	1.5	4
B170657-BS1	B170657-BS1	Selenium	73.2		JH	Y	2.2	2.2	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170657-BS1	B170657-BS1	Silver	49.5			Y	0.79	0.99	4
B170657-BSD1	B170657-BSD1	Arsenic	53.9		J	Y	0.68	5	4
B170657-BSD1	B170657-BSD1	Barium	103			Y	0.29	5	4
B170657-BSD1	B170657-BSD1	Cadmium	76.8			Y	0.27	0.5	4
B170657-BSD1	B170657-BSD1	Chromium, Total	63.8			Y	0.64	0.99	4
B170657-BSD1	B170657-BSD1	Lead	80.6		JH	Y	0.42	1.5	4
B170657-BSD1	B170657-BSD1	Selenium	76.7		JH	Y	2.2	2.2	4
B170657-BSD1	B170657-BSD1	Silver	51.2			Y	0.79	0.99	4
B170760-BLK1	B170760-BLK1	Arsenic		U	UJ	Y	0.34	2.5	4
B170760-BLK1	B170760-BLK1	Barium		U		Y	0.14	2.5	4
B170760-BLK1	B170760-BLK1	Cadmium		U		Y	0.14	0.25	4
B170760-BLK1	B170760-BLK1	Chromium, Total		U		Y	0.32	0.5	4
B170760-BLK1	B170760-BLK1	Lead		U		Y	0.21	0.75	4
B170760-BLK1	B170760-BLK1	Selenium		U		Y	1.1	1.1	4
B170760-BLK1	B170760-BLK1	Silver		U		Y	0.4	0.5	4
B170760-BS1	B170760-BS1	Arsenic	52.7		J	Y	0.7	5.1	4
B170760-BS1	B170760-BS1	Barium	104			Y	0.29	5.1	4
B170760-BS1	B170760-BS1	Cadmium	74.2			Y	0.27	0.51	4
B170760-BS1	B170760-BS1	Chromium, Total	59.9			Y	0.66	1	4
B170760-BS1	B170760-BS1	Lead	83.1		JH	Y	0.43	1.5	4
B170760-BS1	B170760-BS1	Selenium	74.1		JH	Y	2.3	2.3	4
B170760-BS1	B170760-BS1	Silver	51			Y	0.81	1	4
B170760-BSD1	B170760-BSD1	Arsenic	56.4		J	Y	0.7	5	4
B170760-BSD1	B170760-BSD1	Barium	117			Y	0.29	5	4
B170760-BSD1	B170760-BSD1	Cadmium	79.7			Y	0.27	0.5	4
B170760-BSD1	B170760-BSD1	Chromium, Total	65.3			Y	0.65	1	4
B170760-BSD1	B170760-BSD1	Lead	85		JH	Y	0.42	1.5	4
B170760-BSD1	B170760-BSD1	Selenium	79		JH	Y	2.3	2.3	4
B170760-BSD1	B170760-BSD1	Silver	55.1			Y	0.81	1	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Arsenic	4.09		J	Y	0.43	3.1	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Barium	600			Y	0.18	3.1	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Cadmium	4.84			Y	0.17	0.31	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Chromium, Total	199			Y	0.41	0.63	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Lead	2120		JH	Y	0.26	0.94	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Selenium	4.75	J	JH	Y	1.4	1.4	4
LB-12-COMP 2-4-9DUP1	B170760-DUP1	Silver		U		Y	0.5	0.63	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Arsenic	31.8		J	Y	0.43	3.1	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Barium	291			Y	0.18	3.1	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Cadmium	32.5			Y	0.17	0.31	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Chromium, Total	216			Y	0.4	0.62	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Lead	1290		JH	Y	0.26	0.92	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Selenium	30.1		JH	Y	1.4	1.4	4
LB-12-COMP 2-4-9MS1	B170760-MS1	Silver	30.1			Y	0.49	0.62	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Arsenic	34.2		J	Y	0.43	3.1	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Barium	318			Y	0.18	3.1	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Cadmium	32.6			Y	0.17	0.31	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Chromium, Total	202			Y	0.4	0.62	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Lead	1310		JH	Y	0.26	0.93	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Selenium	29.4		JH	Y	1.4	1.4	4
LB-12-COMP 2-4-9MSD	B170760-MSD1	Silver	30.5			Y	0.5	0.62	4
LB-14-COMP 1-0-4	17B0503-01	Mercury	0.11			Y	0.0089	0.031	4
LB-15-COMP 1-0-4	17B0503-02	Mercury	0.071			Y	0.0077	0.027	4
LB-14-COMP 2-4-10.5	17B0503-03	Mercury	0.11			Y	0.009	0.031	4
LB-15-COMP 2-4-8.5	17B0503-04	Mercury	0.042			Y	0.0091	0.032	4
LB-18-COMP 1-0-4	17B0503-05	Mercury		U		Y	0.0076	0.027	4
LB-26-COMP 1-0-4	17B0503-06	Mercury	0.15			Y	0.0086	0.03	4
LB-26-COMP 2-4-7.8	17B0503-07	Mercury	0.075			Y	0.0086	0.03	4
LB-27-COMP 1-0-4	17B0503-08	Mercury	0.17			Y	0.0088	0.03	4
LB-27-COMP 2-4-10.3	17B0503-09	Mercury	0.2			Y	0.0083	0.029	4
LB-28-COMP 1-0-4	17B0503-10	Mercury	0.23			Y	0.009	0.031	4
LB-08-COMP 1-0-4	17B0503-11	Mercury	0.23			Y	0.0088	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Mercury	0.1			Y	0.0089	0.031	4
LB-09-COMP 1-0-4	17B0503-13	Mercury	0.065			Y	0.0091	0.032	4
LB-09-COMP 2-4-10.7	17B0503-14	Mercury	0.81	D		Y	0.046	0.16	4
LB-11-COMP 2-4-9	17B0503-15	Mercury	0.47			Y	0.0088	0.03	4
LB-11-COMP 1-0-4	17B0503-16	Mercury	0.09			Y	0.0088	0.031	4
LB-12-COMP 1-0-4	17B0503-17	Mercury	0.22			Y	0.0091	0.031	4
LB-12-COMP 2-4-9	17B0503-18	Mercury	0.24		J	Y	0.009	0.031	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-13-COMP 1-0-4	17B0503-19	Mercury	0.14			Y	0.0084	0.029	4
LB-13-COMP 2-4-9.8	17B0503-20	Mercury	0.21			Y	0.0087	0.03	4
LB-01-COMP 1-0-4	17B0503-23	Mercury	0.2			Y	0.0082	0.028	4
LB-01-COMP 2-4-9.8	17B0503-24	Mercury	0.084			Y	0.0085	0.03	4
LB-02-COMP 1-0-4	17B0503-25	Mercury	0.1			Y	0.0085	0.03	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Mercury	0.22			Y	0.0089	0.031	4
LB-03-COMP 1-0-4	17B0503-27	Mercury	0.23			Y	0.0079	0.027	4
LB-03-COMP 2-4-9.9	17B0503-28	Mercury	0.039			Y	0.0094	0.033	4
LB-07-COMP 1-0-4	17B0503-29	Mercury	0.14			Y	0.0085	0.03	4
LB-07-COMP 2-4-9.7	17B0503-30	Mercury	0.21			Y	0.0091	0.032	4
LB-28-COMP 2-4-11	17B0503-51	Mercury	0.081			Y	0.009	0.031	4
LB-29-COMP 1-0-4	17B0503-52	Mercury	0.1			Y	0.0082	0.029	4
LB-29-COMP 2-4-9.3	17B0503-53	Mercury	0.08			Y	0.0087	0.03	4
LB-13-COMP 3-10-15	17B0503-54	Mercury	0.21			Y	0.0088	0.031	4
B170638-BLK1	B170638-BLK1	Mercury		U		Y	0.0072	0.025	4
B170638-BS1	B170638-BS1	Mercury	10.4	D		Y	0.55	1.9	4
B170638-BSD1	B170638-BSD1	Mercury	10.3	D		Y	0.55	1.9	4
B170739-BLK1	B170739-BLK1	Mercury		U		Y	0.0072	0.025	4
B170739-BS1	B170739-BS1	Mercury	8.33	D		Y	0.54	1.9	4
B170739-BSD1	B170739-BSD1	Mercury	8.81	D		Y	0.56	2	4
LB-12-COMP 2-4-9DUP1	B170739-DUP1	Mercury	0.482			Y	0.009	0.031	4
LB-12-COMP 2-4-9MS1	B170739-MS1	Mercury	0.496			Y	0.009	0.031	4
LB-12-COMP 2-4-9MSD	B170739-MSD1	Mercury	0.451			Y	0.0088	0.031	4
B170762-BLK1	B170762-BLK1	Mercury		U		Y	0.0072	0.025	4
B170762-BS1	B170762-BS1	Mercury	10.2	D		Y	0.53	1.9	4
B170762-BSD1	B170762-BSD1	Mercury	10.7	D		Y	0.53	1.9	4
B170901-BLK1	B170901-BLK1	Mercury		U		Y	0.0072	0.025	4
B170901-BS1	B170901-BS1	Mercury	11.8	D		Y	0.55	1.9	4
B170901-BSD1	B170901-BSD1	Mercury	9.24	D		Y	0.55	1.9	4
LB-02-COMP 2-4-9.2DU	B170901-DUP1	Mercury	0.23			Y	0.0087	0.03	4
LB-02-COMP 2-4-9.2MS	B170901-MS1	Mercury	0.409			Y	0.0089	0.031	4
LB-15-COMP 1-0-4	17B0503-02	2,4,5,6-Tetrachloro-Meta-Xylene	82.5			Y			4
LB-15-COMP 1-0-4	17B0503-02	Alachlor		U		Y	0.0012	0.022	4
LB-15-COMP 1-0-4	17B0503-02	Aldrin		U		Y	0.00033	0.0022	4
LB-15-COMP 1-0-4	17B0503-02	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.00043	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Alpha Endosulfan		U		Y	0.00043	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.00054	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Beta Endosulfan		U		Y	0.00033	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Chlordane		U		Y	0.0063	0.022	4
LB-15-COMP 1-0-4	17B0503-02	Decachlorobiphenyl (PCB 209)	81.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.00043	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Dieldrin		U		Y	0.00033	0.0022	4
LB-15-COMP 1-0-4	17B0503-02	Endosulfan Sulfate		U		Y	0.0014	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Endrin		U		Y	0.00033	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Endrin Aldehyde		U		Y	0.0013	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Endrin Ketone		U		Y	0.00043	0.0087	4
LB-15-COMP 1-0-4	17B0503-02	Gamma Bhc (Lindane)		U		Y	0.00054	0.0022	4
LB-15-COMP 1-0-4	17B0503-02	Heptachlor		U		Y	0.00054	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Heptachlor Epoxide		U		Y	0.00043	0.0054	4
LB-15-COMP 1-0-4	17B0503-02	Hexachlorobenzene		U		Y	0.00076	0.0065	4
LB-15-COMP 1-0-4	17B0503-02	Methoxychlor		U		Y	0.00065	0.054	4
LB-15-COMP 1-0-4	17B0503-02	P,P'-DDD		U		Y	0.00043	0.0011	4
LB-15-COMP 1-0-4	17B0503-02	P,P'-DDE		U		Y	0.00033	0.0011	4
LB-15-COMP 1-0-4	17B0503-02	P,P'-DDT		U		Y	0.00043	0.0011	4
LB-15-COMP 1-0-4	17B0503-02	Toxaphene		U		Y	0.047	0.11	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,5,6-Tetrachloro-Meta-Xylene	71.1			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Alachlor		U		Y	0.0014	0.026	4
LB-15-COMP 2-4-8.5	17B0503-04	Aldrin		U		Y	0.00038	0.0026	4
LB-15-COMP 2-4-8.5	17B0503-04	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.00051	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Alpha Endosulfan		U		Y	0.00051	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.00064	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Beta Endosulfan		U		Y	0.00038	0.01	4
LB-15-COMP 2-4-8.5	17B0503-04	Chlordane		U		Y	0.0074	0.026	4
LB-15-COMP 2-4-8.5	17B0503-04	Decachlorobiphenyl (PCB 209)	74.3			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.00051	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Dieldrin		U		Y	0.00038	0.0026	4
LB-15-COMP 2-4-8.5	17B0503-04	Endosulfan Sulfate		U		Y	0.0017	0.01	4
LB-15-COMP 2-4-8.5	17B0503-04	Endrin		U		Y	0.00038	0.01	4

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LB-15-COMP 2-4-8.5	17B0503-04	Endrin Aldehyde		U		Y	0.0015	0.01	4
LB-15-COMP 2-4-8.5	17B0503-04	Endrin Ketone		U		Y	0.00051	0.01	4
LB-15-COMP 2-4-8.5	17B0503-04	Gamma Bhc (Lindane)		U		Y	0.00064	0.0026	4
LB-15-COMP 2-4-8.5	17B0503-04	Heptachlor		U		Y	0.00064	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Heptachlor Epoxide		U		Y	0.00051	0.0064	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachlorobenzene		U		Y	0.0009	0.0077	4
LB-15-COMP 2-4-8.5	17B0503-04	Methoxychlor		U		Y	0.00077	0.064	4
LB-15-COMP 2-4-8.5	17B0503-04	P,P'-DDD		U		Y	0.00051	0.0013	4
LB-15-COMP 2-4-8.5	17B0503-04	P,P'-DDE		U		Y	0.00038	0.0013	4
LB-15-COMP 2-4-8.5	17B0503-04	P,P'-DDT		U		Y	0.00051	0.0013	4
LB-15-COMP 2-4-8.5	17B0503-04	Toxaphene		U		Y	0.055	0.13	4
LB-18-COMP 1-0-4	17B0503-05	2,4,5,6-Tetrachloro-Meta-Xylene	66.8			Y			4
LB-18-COMP 1-0-4	17B0503-05	Alachlor		U		Y	0.0012	0.022	4
LB-18-COMP 1-0-4	17B0503-05	Aldrin		U		Y	0.00033	0.0022	4
LB-18-COMP 1-0-4	17B0503-05	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.00043	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Alpha Endosulfan		U		Y	0.00043	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.00054	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Beta Endosulfan		U		Y	0.00033	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Chlordane		U		Y	0.0063	0.022	4
LB-18-COMP 1-0-4	17B0503-05	Decachlorobiphenyl (PCB 209)	70.3			Y			4
LB-18-COMP 1-0-4	17B0503-05	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.00043	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Dieldrin		U		Y	0.00033	0.0022	4
LB-18-COMP 1-0-4	17B0503-05	Endosulfan Sulfate		U		Y	0.0014	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Endrin		U		Y	0.00033	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Endrin Aldehyde		U		Y	0.0013	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Endrin Ketone		U		Y	0.00043	0.0087	4
LB-18-COMP 1-0-4	17B0503-05	Gamma Bhc (Lindane)		U		Y	0.00054	0.0022	4
LB-18-COMP 1-0-4	17B0503-05	Heptachlor		U		Y	0.00054	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Heptachlor Epoxide		U		Y	0.00043	0.0054	4
LB-18-COMP 1-0-4	17B0503-05	Hexachlorobenzene		U		Y	0.00076	0.0065	4
LB-18-COMP 1-0-4	17B0503-05	Methoxychlor		U		Y	0.00065	0.054	4
LB-18-COMP 1-0-4	17B0503-05	P,P'-DDD		U		Y	0.00043	0.0011	4
LB-18-COMP 1-0-4	17B0503-05	P,P'-DDE		U		Y	0.00033	0.0011	4
LB-18-COMP 1-0-4	17B0503-05	P,P'-DDT		U		Y	0.00043	0.0011	4
LB-18-COMP 1-0-4	17B0503-05	Toxaphene		U		Y	0.047	0.11	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,5,6-Tetrachloro-Meta-Xylene	78.2			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Alachlor		U		Y	0.0068	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	Aldrin		U		Y	0.0018	0.012	4
LB-08-COMP 2-4-10.2	17B0503-12	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.0025	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Alpha Endosulfan		U		Y	0.0025	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.0031	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Beta Endosulfan		U		Y	0.0018	0.049	4
LB-08-COMP 2-4-10.2	17B0503-12	Chlordane		U		Y	0.036	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	Decachlorobiphenyl (PCB 209)	71.9			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.0025	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Dieldrin		U		Y	0.0018	0.012	4
LB-08-COMP 2-4-10.2	17B0503-12	Endosulfan Sulfate		U		Y	0.008	0.049	4
LB-08-COMP 2-4-10.2	17B0503-12	Endrin		U		Y	0.0018	0.049	4
LB-08-COMP 2-4-10.2	17B0503-12	Endrin Aldehyde		U		Y	0.0015	0.0099	4
LB-08-COMP 2-4-10.2	17B0503-12	Endrin Ketone		U		Y	0.0025	0.049	4
LB-08-COMP 2-4-10.2	17B0503-12	Gamma Bhc (Lindane)		U		Y	0.0031	0.012	4
LB-08-COMP 2-4-10.2	17B0503-12	Heptachlor		U		Y	0.0031	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Heptachlor Epoxide		U		Y	0.0025	0.031	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachlorobenzene		U		Y	0.0043	0.037	4
LB-08-COMP 2-4-10.2	17B0503-12	Methoxychlor		U		Y	0.0037	0.31	4
LB-08-COMP 2-4-10.2	17B0503-12	P,P'-DDD		U		Y	0.0025	0.0062	4
LB-08-COMP 2-4-10.2	17B0503-12	P,P'-DDE		U		Y	0.0018	0.0062	4
LB-08-COMP 2-4-10.2	17B0503-12	P,P'-DDT		U		Y	0.0025	0.0062	4
LB-08-COMP 2-4-10.2	17B0503-12	Toxaphene		U		Y	0.27	0.62	4
LB-11-COMP 1-0-4	17B0503-16	2,4,5,6-Tetrachloro-Meta-Xylene	80.4			Y			4
LB-11-COMP 1-0-4	17B0503-16	Alachlor		U		Y	0.034	0.62	4
LB-11-COMP 1-0-4	17B0503-16	Aldrin		U		Y	0.0094	0.062	4
LB-11-COMP 1-0-4	17B0503-16	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.012	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Alpha Endosulfan		U		Y	0.012	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.016	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Beta Endosulfan		U		Y	0.0094	0.25	4
LB-11-COMP 1-0-4	17B0503-16	Chlordane		U		Y	0.18	0.62	4
LB-11-COMP 1-0-4	17B0503-16	Decachlorobiphenyl (PCB 209)	74.1			Y			4

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LB-11-COMP 1-0-4	17B0503-16	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.012	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Dieldrin		U		Y	0.0094	0.062	4
LB-11-COMP 1-0-4	17B0503-16	Endosulfan Sulfate		U		Y	0.041	0.25	4
LB-11-COMP 1-0-4	17B0503-16	Endrin		U		Y	0.0094	0.25	4
LB-11-COMP 1-0-4	17B0503-16	Endrin Aldehyde		U		Y	0.0015	0.01	4
LB-11-COMP 1-0-4	17B0503-16	Endrin Ketone		U		Y	0.012	0.25	4
LB-11-COMP 1-0-4	17B0503-16	Gamma Bhc (Lindane)		U		Y	0.016	0.062	4
LB-11-COMP 1-0-4	17B0503-16	Heptachlor		U		Y	0.016	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Heptachlor Epoxide		U		Y	0.012	0.16	4
LB-11-COMP 1-0-4	17B0503-16	Hexachlorobenzene		U		Y	0.022	0.19	4
LB-11-COMP 1-0-4	17B0503-16	Methoxychlor		U		Y	0.019	1.6	4
LB-11-COMP 1-0-4	17B0503-16	P,P'-DDD		U		Y	0.012	0.031	4
LB-11-COMP 1-0-4	17B0503-16	P,P'-DDE		U		Y	0.0094	0.031	4
LB-11-COMP 1-0-4	17B0503-16	P,P'-DDT		U		Y	0.012	0.031	4
LB-11-COMP 1-0-4	17B0503-16	Toxaphene		U		Y	1.3	3.1	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Alachlor		U		Y	0.068	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	Aldrin		U		Y	0.019	0.12	4
LB-02-COMP 2-4-9.2	17B0503-26	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.025	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Alpha Endosulfan		U		Y	0.025	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.031	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Beta Endosulfan		U		Y	0.019	0.49	4
LB-02-COMP 2-4-9.2	17B0503-26	Chlordane		U		Y	0.36	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.025	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Dieldrin		U		Y	0.019	0.12	4
LB-02-COMP 2-4-9.2	17B0503-26	Endosulfan Sulfate		U		Y	0.08	0.49	4
LB-02-COMP 2-4-9.2	17B0503-26	Endrin		U		Y	0.019	0.49	4
LB-02-COMP 2-4-9.2	17B0503-26	Endrin Aldehyde		U		Y	0.0015	0.0099	4
LB-02-COMP 2-4-9.2	17B0503-26	Endrin Ketone		U		Y	0.025	0.49	4
LB-02-COMP 2-4-9.2	17B0503-26	Gamma Bhc (Lindane)		U		Y	0.031	0.12	4
LB-02-COMP 2-4-9.2	17B0503-26	Heptachlor		U		Y	0.031	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Heptachlor Epoxide		U		Y	0.025	0.31	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachlorobenzene		U		Y	0.043	0.37	4
LB-02-COMP 2-4-9.2	17B0503-26	Methoxychlor		U		Y	0.037	3.1	4
LB-02-COMP 2-4-9.2	17B0503-26	P,P'-DDD		U		Y	0.025	0.062	4
LB-02-COMP 2-4-9.2	17B0503-26	P,P'-DDE		U		Y	0.019	0.062	4
LB-02-COMP 2-4-9.2	17B0503-26	P,P'-DDT		U		Y	0.025	0.062	4
LB-02-COMP 2-4-9.2	17B0503-26	Toxaphene		U		Y	2.7	6.2	4
LB-28-COMP 2-4-11	17B0503-51	2,4,5,6-Tetrachloro-Meta-Xylene	86.7	U		Y			4
LB-28-COMP 2-4-11	17B0503-51	Alachlor		U		Y	0.0069	0.13	4
LB-28-COMP 2-4-11	17B0503-51	Aldrin		U		Y	0.0019	0.013	4
LB-28-COMP 2-4-11	17B0503-51	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.0025	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Alpha Endosulfan		U		Y	0.0025	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.0031	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Beta Endosulfan		U		Y	0.0019	0.05	4
LB-28-COMP 2-4-11	17B0503-51	Chlordane		U		Y	0.036	0.13	4
LB-28-COMP 2-4-11	17B0503-51	Decachlorobiphenyl (PCB 209)	75.3	U		Y			4
LB-28-COMP 2-4-11	17B0503-51	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.0025	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Dieldrin		U		Y	0.0019	0.013	4
LB-28-COMP 2-4-11	17B0503-51	Endosulfan Sulfate		U		Y	0.0082	0.05	4
LB-28-COMP 2-4-11	17B0503-51	Endrin		U		Y	0.0019	0.05	4
LB-28-COMP 2-4-11	17B0503-51	Endrin Aldehyde		U		Y	0.0015	0.01	4
LB-28-COMP 2-4-11	17B0503-51	Endrin Ketone		U		Y	0.0025	0.05	4
LB-28-COMP 2-4-11	17B0503-51	Gamma Bhc (Lindane)		U		Y	0.0031	0.013	4
LB-28-COMP 2-4-11	17B0503-51	Heptachlor		U		Y	0.0031	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Heptachlor Epoxide		U		Y	0.0025	0.031	4
LB-28-COMP 2-4-11	17B0503-51	Hexachlorobenzene		U		Y	0.0044	0.038	4
LB-28-COMP 2-4-11	17B0503-51	Methoxychlor		U		Y	0.0038	0.31	4
LB-28-COMP 2-4-11	17B0503-51	P,P'-DDD		U		Y	0.0025	0.0063	4
LB-28-COMP 2-4-11	17B0503-51	P,P'-DDE		U		Y	0.0019	0.0063	4
LB-28-COMP 2-4-11	17B0503-51	P,P'-DDT		U		Y	0.0025	0.0063	4
LB-28-COMP 2-4-11	17B0503-51	Toxaphene		U		Y	0.27	0.63	4
B170237-BLK1	B170237-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	91.9			Y			4
B170237-BLK1	B170237-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	86.7			Y			4
B170237-BLK1	B170237-BLK1	Alachlor		U		Y	0.0011	0.02	4
B170237-BLK1	B170237-BLK1	Alachlor		U		Y	0.0011	0.02	4
B170237-BLK1	B170237-BLK1	Aldrin		U		Y	0.0003	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170237-BLK1	B170237-BLK1	Aldrin		U		Y	0.0003	0.002	4
B170237-BLK1	B170237-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Alpha Endosulfan		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Alpha Endosulfan		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.0005	0.005	4
B170237-BLK1	B170237-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	0.0005	0.005	4
B170237-BLK1	B170237-BLK1	Beta Endosulfan		U		Y	0.0003	0.008	4
B170237-BLK1	B170237-BLK1	Beta Endosulfan		U		Y	0.0003	0.008	4
B170237-BLK1	B170237-BLK1	Chlordane		U		Y	0.0058	0.02	4
B170237-BLK1	B170237-BLK1	Chlordane		U		Y	0.0058	0.02	4
B170237-BLK1	B170237-BLK1	cis-Chlordane		U		Y	0.00028	0.005	4
B170237-BLK1	B170237-BLK1	cis-Chlordane		U		Y	0.00028	0.005	4
B170237-BLK1	B170237-BLK1	Decachlorobiphenyl (PCB 209)	92.1			Y			4
B170237-BLK1	B170237-BLK1	Decachlorobiphenyl (PCB 209)	88.6			Y			4
B170237-BLK1	B170237-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Dieldrin		U		Y	0.0003	0.002	4
B170237-BLK1	B170237-BLK1	Dieldrin		U		Y	0.0003	0.002	4
B170237-BLK1	B170237-BLK1	Endosulfan Sulfate		U		Y	0.0013	0.008	4
B170237-BLK1	B170237-BLK1	Endosulfan Sulfate		U		Y	0.0013	0.008	4
B170237-BLK1	B170237-BLK1	Endrin		U		Y	0.0003	0.008	4
B170237-BLK1	B170237-BLK1	Endrin		U		Y	0.0003	0.008	4
B170237-BLK1	B170237-BLK1	Endrin Aldehyde		U		Y	0.0012	0.008	4
B170237-BLK1	B170237-BLK1	Endrin Aldehyde		U		Y	0.0012	0.008	4
B170237-BLK1	B170237-BLK1	Endrin Ketone		U		Y	0.0004	0.008	4
B170237-BLK1	B170237-BLK1	Endrin Ketone		U		Y	0.0004	0.008	4
B170237-BLK1	B170237-BLK1	Gamma Bhc (Lindane)		U		Y	0.0005	0.002	4
B170237-BLK1	B170237-BLK1	Gamma Bhc (Lindane)		U		Y	0.0005	0.002	4
B170237-BLK1	B170237-BLK1	Heptachlor		U		Y	0.0005	0.005	4
B170237-BLK1	B170237-BLK1	Heptachlor		U		Y	0.0005	0.005	4
B170237-BLK1	B170237-BLK1	Heptachlor Epoxide		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Heptachlor Epoxide		U		Y	0.0004	0.005	4
B170237-BLK1	B170237-BLK1	Hexachlorobenzene		U		Y	0.0007	0.006	4
B170237-BLK1	B170237-BLK1	Hexachlorobenzene		U		Y	0.0007	0.006	4
B170237-BLK1	B170237-BLK1	Methoxychlor		U		Y	0.0006	0.05	4
B170237-BLK1	B170237-BLK1	Methoxychlor		U		Y	0.0006	0.05	4
B170237-BLK1	B170237-BLK1	P,P'-DDD		U		Y	0.0004	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDD		U		Y	0.0004	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDE		U		Y	0.0003	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDE		U		Y	0.0003	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDT		U		Y	0.0004	0.001	4
B170237-BLK1	B170237-BLK1	P,P'-DDT		U		Y	0.0004	0.001	4
B170237-BLK1	B170237-BLK1	Toxaphene		U		Y	0.043	0.1	4
B170237-BLK1	B170237-BLK1	Toxaphene		U		Y	0.043	0.1	4
B170237-BLK1	B170237-BLK1	trans-Chlordane		U		Y	0.00028	0.005	4
B170237-BLK1	B170237-BLK1	trans-Chlordane		U		Y	0.001	0.005	4
B170237-BS1	B170237-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	93.8			Y			4
B170237-BS1	B170237-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	83.2			Y			4
B170237-BS1	B170237-BS1	Alachlor	0.1			Y	0.0011	0.02	4
B170237-BS1	B170237-BS1	Alachlor	0.1			Y	0.0011	0.02	4
B170237-BS1	B170237-BS1	Aldrin	0.091			Y	0.0003	0.002	4
B170237-BS1	B170237-BS1	Aldrin	0.086			Y	0.0003	0.002	4
B170237-BS1	B170237-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.094			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.083			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Alpha Endosulfan	0.082			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Alpha Endosulfan	0.081			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.092			Y	0.0005	0.005	4
B170237-BS1	B170237-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.084			Y	0.0005	0.005	4
B170237-BS1	B170237-BS1	Beta Endosulfan	0.087			Y	0.0003	0.008	4
B170237-BS1	B170237-BS1	Beta Endosulfan	0.084			Y	0.0003	0.008	4
B170237-BS1	B170237-BS1	cis-Chlordane	0.091			Y	0.00028	0.005	4
B170237-BS1	B170237-BS1	cis-Chlordane	0.089			Y	0.00028	0.005	4
B170237-BS1	B170237-BS1	Decachlorobiphenyl (PCB 209)	94.4			Y			4
B170237-BS1	B170237-BS1	Decachlorobiphenyl (PCB 209)	91.4			Y			4
B170237-BS1	B170237-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.092			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.083			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Dieldrin	0.09			Y	0.0003	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170237-BS1	B170237-BS1	Dieldrin	0.084			Y	0.0003	0.002	4
B170237-BS1	B170237-BS1	Endosulfan Sulfate	0.1			Y	0.0013	0.008	4
B170237-BS1	B170237-BS1	Endosulfan Sulfate	0.089			Y	0.0013	0.008	4
B170237-BS1	B170237-BS1	Endrin	0.092			Y	0.0003	0.008	4
B170237-BS1	B170237-BS1	Endrin	0.089			Y	0.0003	0.008	4
B170237-BS1	B170237-BS1	Endrin Aldehyde	0.089			Y	0.0012	0.008	4
B170237-BS1	B170237-BS1	Endrin Aldehyde	0.086			Y	0.0012	0.008	4
B170237-BS1	B170237-BS1	Endrin Ketone	0.096			Y	0.0004	0.008	4
B170237-BS1	B170237-BS1	Endrin Ketone	0.093			Y	0.0004	0.008	4
B170237-BS1	B170237-BS1	Gamma Bhc (Lindane)	0.097			Y	0.0005	0.002	4
B170237-BS1	B170237-BS1	Gamma Bhc (Lindane)	0.086			Y	0.0005	0.002	4
B170237-BS1	B170237-BS1	Heptachlor	0.089			Y	0.0005	0.005	4
B170237-BS1	B170237-BS1	Heptachlor	0.086			Y	0.0005	0.005	4
B170237-BS1	B170237-BS1	Heptachlor Epoxide	0.089			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Heptachlor Epoxide	0.085			Y	0.0004	0.005	4
B170237-BS1	B170237-BS1	Hexachlorobenzene	0.087			Y	0.0007	0.006	4
B170237-BS1	B170237-BS1	Hexachlorobenzene	0.08			Y	0.0007	0.006	4
B170237-BS1	B170237-BS1	Methoxychlor	0.094			Y	0.0006	0.05	4
B170237-BS1	B170237-BS1	Methoxychlor	0.11			Y	0.0006	0.05	4
B170237-BS1	B170237-BS1	P,P'-DDD	0.097			Y	0.0004	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDD	0.091			Y	0.0004	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDE	0.097			Y	0.0003	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDE	0.091			Y	0.0003	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDT	0.098			Y	0.0004	0.001	4
B170237-BS1	B170237-BS1	P,P'-DDT	0.09			Y	0.0004	0.001	4
B170237-BS1	B170237-BS1	trans-Chlordane	0.089			Y	0.00028	0.005	4
B170237-BS1	B170237-BS1	trans-Chlordane	0.091			Y	0.001	0.005	4
B170237-BSD1	B170237-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	84.8			Y			4
B170237-BSD1	B170237-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	84.8			Y			4
B170237-BSD1	B170237-BSD1	Alachlor	0.098			Y	0.0011	0.02	4
B170237-BSD1	B170237-BSD1	Alachlor	0.098			Y	0.0011	0.02	4
B170237-BSD1	B170237-BSD1	Aldrin	0.087			Y	0.0003	0.002	4
B170237-BSD1	B170237-BSD1	Aldrin	0.085			Y	0.0003	0.002	4
B170237-BSD1	B170237-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.086			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.085			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Alpha Endosulfan	0.078			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Alpha Endosulfan	0.078			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.085			Y	0.0005	0.005	4
B170237-BSD1	B170237-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.085			Y	0.0005	0.005	4
B170237-BSD1	B170237-BSD1	Beta Endosulfan	0.082			Y	0.0003	0.008	4
B170237-BSD1	B170237-BSD1	Beta Endosulfan	0.081			Y	0.0003	0.008	4
B170237-BSD1	B170237-BSD1	cis-Chlordane	0.087			Y	0.00028	0.005	4
B170237-BSD1	B170237-BSD1	cis-Chlordane	0.086			Y	0.00028	0.005	4
B170237-BSD1	B170237-BSD1	Decachlorobiphenyl (PCB 209)	88.9			Y			4
B170237-BSD1	B170237-BSD1	Decachlorobiphenyl (PCB 209)	86.1			Y			4
B170237-BSD1	B170237-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.085			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.085			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Dieldrin	0.086			Y	0.0003	0.002	4
B170237-BSD1	B170237-BSD1	Dieldrin	0.081			Y	0.0003	0.002	4
B170237-BSD1	B170237-BSD1	Endosulfan Sulfate	0.095			Y	0.0013	0.008	4
B170237-BSD1	B170237-BSD1	Endosulfan Sulfate	0.085			Y	0.0013	0.008	4
B170237-BSD1	B170237-BSD1	Endrin	0.088			Y	0.0003	0.008	4
B170237-BSD1	B170237-BSD1	Endrin	0.086			Y	0.0003	0.008	4
B170237-BSD1	B170237-BSD1	Endrin Aldehyde	0.085			Y	0.0012	0.008	4
B170237-BSD1	B170237-BSD1	Endrin Aldehyde	0.082			Y	0.0012	0.008	4
B170237-BSD1	B170237-BSD1	Endrin Ketone	0.092			Y	0.0004	0.008	4
B170237-BSD1	B170237-BSD1	Endrin Ketone	0.09			Y	0.0004	0.008	4
B170237-BSD1	B170237-BSD1	Gamma Bhc (Lindane)	0.089			Y	0.0005	0.002	4
B170237-BSD1	B170237-BSD1	Gamma Bhc (Lindane)	0.088			Y	0.0005	0.002	4
B170237-BSD1	B170237-BSD1	Heptachlor	0.084			Y	0.0005	0.005	4
B170237-BSD1	B170237-BSD1	Heptachlor	0.086			Y	0.0005	0.005	4
B170237-BSD1	B170237-BSD1	Heptachlor Epoxide	0.084			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Heptachlor Epoxide	0.083			Y	0.0004	0.005	4
B170237-BSD1	B170237-BSD1	Hexachlorobenzene	0.081			Y	0.0007	0.006	4
B170237-BSD1	B170237-BSD1	Hexachlorobenzene	0.083			Y	0.0007	0.006	4
B170237-BSD1	B170237-BSD1	Methoxychlor	0.09			Y	0.0006	0.05	4
B170237-BSD1	B170237-BSD1	Methoxychlor	0.11			Y	0.0006	0.05	4
B170237-BSD1	B170237-BSD1	P,P'-DDD	0.093			Y	0.0004	0.001	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170237-BSD1	B170237-BSD1	P,P'-DDD	0.088			Y	0.0004	0.001	4
B170237-BSD1	B170237-BSD1	P,P'-DDE	0.092			Y	0.0003	0.001	4
B170237-BSD1	B170237-BSD1	P,P'-DDE	0.088			Y	0.0003	0.001	4
B170237-BSD1	B170237-BSD1	P,P'-DDT	0.093			Y	0.0004	0.001	4
B170237-BSD1	B170237-BSD1	P,P'-DDT	0.087			Y	0.0004	0.001	4
B170237-BSD1	B170237-BSD1	trans-Chlordane	0.085			Y	0.00028	0.005	4
B170237-BSD1	B170237-BSD1	trans-Chlordane	0.088			Y	0.001	0.005	4
LB-14-COMP 1-0-4	17B0503-01	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-14-COMP 1-0-4	17B0503-01	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-14-COMP 1-0-4	17B0503-01	PCB-1016 (Aroclor 1016)		U		Y	0.75	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1221 (Aroclor 1221)		U		Y	0.81	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1232 (Aroclor 1232)		U		Y	0.56	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1242 (Aroclor 1242)		U		Y	0.63	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1248 (Aroclor 1248)		U		Y	0.75	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1254 (Aroclor 1254)	12	D		Y	0.81	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1260 (Aroclor 1260)	1.5	D		Y	0.88	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1262 (Aroclor 1262)		U		Y	0.63	1.3	4
LB-14-COMP 1-0-4	17B0503-01	PCB-1268 (Aroclor 1268)		U		Y	0.5	1.3	4
LB-15-COMP 1-0-4	17B0503-02	2,4,5,6-Tetrachloro-Meta-Xylene	98.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Decachlorobiphenyl (PCB 209)	108			Y			4
LB-15-COMP 1-0-4	17B0503-02	PCB-1016 (Aroclor 1016)		U		Y	0.065	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1221 (Aroclor 1221)		U		Y	0.07	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1232 (Aroclor 1232)		U		Y	0.049	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1242 (Aroclor 1242)	1.2	D		Y	0.054	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1248 (Aroclor 1248)		U		Y	0.065	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1254 (Aroclor 1254)		U		Y	0.07	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1260 (Aroclor 1260)		U		Y	0.076	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1262 (Aroclor 1262)		U		Y	0.054	0.11	4
LB-15-COMP 1-0-4	17B0503-02	PCB-1268 (Aroclor 1268)		U		Y	0.043	0.11	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4,5,6-Tetrachloro-Meta-Xylene	93.6			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Decachlorobiphenyl (PCB 209)	84.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1016 (Aroclor 1016)		U		Y	0.38	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1221 (Aroclor 1221)		U		Y	0.41	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1232 (Aroclor 1232)		U		Y	0.29	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1242 (Aroclor 1242)		U		Y	0.32	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1248 (Aroclor 1248)		U		Y	0.38	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1254 (Aroclor 1254)	3.8	D		Y	0.41	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1260 (Aroclor 1260)		U		Y	0.45	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1262 (Aroclor 1262)		U		Y	0.32	0.64	4
LB-14-COMP 2-4-10.5	17B0503-03	PCB-1268 (Aroclor 1268)		U		Y	0.26	0.64	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,5,6-Tetrachloro-Meta-Xylene	88.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Decachlorobiphenyl (PCB 209)	102			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1016 (Aroclor 1016)		U		Y	0.077	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1221 (Aroclor 1221)		U		Y	0.083	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1232 (Aroclor 1232)		U		Y	0.058	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1242 (Aroclor 1242)	0.25	D		Y	0.064	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1248 (Aroclor 1248)		U		Y	0.077	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1254 (Aroclor 1254)	1.2	D		Y	0.083	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1260 (Aroclor 1260)		U		Y	0.09	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1262 (Aroclor 1262)		U		Y	0.064	0.13	4
LB-15-COMP 2-4-8.5	17B0503-04	PCB-1268 (Aroclor 1268)		U		Y	0.051	0.13	4
LB-18-COMP 1-0-4	17B0503-05	2,4,5,6-Tetrachloro-Meta-Xylene	78.7			Y			4
LB-18-COMP 1-0-4	17B0503-05	Decachlorobiphenyl (PCB 209)	77			Y			4
LB-18-COMP 1-0-4	17B0503-05	PCB-1016 (Aroclor 1016)		U		Y	0.013	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1221 (Aroclor 1221)		U		Y	0.014	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1232 (Aroclor 1232)		U		Y	0.0098	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1242 (Aroclor 1242)		U		Y	0.011	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1248 (Aroclor 1248)		U		Y	0.013	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1254 (Aroclor 1254)		U		Y	0.014	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1260 (Aroclor 1260)		U		Y	0.015	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1262 (Aroclor 1262)		U		Y	0.011	0.022	4
LB-18-COMP 1-0-4	17B0503-05	PCB-1268 (Aroclor 1268)		U		Y	0.0087	0.022	4
LB-26-COMP 1-0-4	17B0503-06	2,4,5,6-Tetrachloro-Meta-Xylene	101			Y			4
LB-26-COMP 1-0-4	17B0503-06	Decachlorobiphenyl (PCB 209)	91.2			Y			4
LB-26-COMP 1-0-4	17B0503-06	PCB-1016 (Aroclor 1016)		U		Y	0.29	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1221 (Aroclor 1221)		U		Y	0.31	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1232 (Aroclor 1232)		U		Y	0.22	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1242 (Aroclor 1242)		U		Y	0.24	0.48	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-26-COMP 1-0-4	17B0503-06	PCB-1248 (Aroclor 1248)	0.67	D		Y	0.29	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1254 (Aroclor 1254)	3.2	D		Y	0.31	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1260 (Aroclor 1260)	0.52	D		Y	0.34	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1262 (Aroclor 1262)		U		Y	0.24	0.48	4
LB-26-COMP 1-0-4	17B0503-06	PCB-1268 (Aroclor 1268)		U		Y	0.19	0.48	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1016 (Aroclor 1016)		U		Y	0.74	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1221 (Aroclor 1221)		U		Y	0.8	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1232 (Aroclor 1232)		U		Y	0.56	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1242 (Aroclor 1242)		U		Y	0.62	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1248 (Aroclor 1248)		U		Y	0.74	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1254 (Aroclor 1254)	6	D		Y	0.8	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1260 (Aroclor 1260)		U		Y	0.86	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1262 (Aroclor 1262)		U		Y	0.62	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	PCB-1268 (Aroclor 1268)		U		Y	0.49	1.2	4
LB-27-COMP 1-0-4	17B0503-08	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-27-COMP 1-0-4	17B0503-08	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-27-COMP 1-0-4	17B0503-08	PCB-1016 (Aroclor 1016)		U		Y	0.74	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1221 (Aroclor 1221)		U		Y	0.8	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1232 (Aroclor 1232)		U		Y	0.55	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1242 (Aroclor 1242)		U		Y	0.61	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1248 (Aroclor 1248)		U		Y	0.74	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1254 (Aroclor 1254)	7.7	D		Y	0.8	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1260 (Aroclor 1260)		U		Y	0.86	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1262 (Aroclor 1262)		U		Y	0.61	1.2	4
LB-27-COMP 1-0-4	17B0503-08	PCB-1268 (Aroclor 1268)		U		Y	0.49	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1016 (Aroclor 1016)		U		Y	0.71	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1221 (Aroclor 1221)		U		Y	0.77	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1232 (Aroclor 1232)		U		Y	0.53	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1242 (Aroclor 1242)		U		Y	0.59	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1248 (Aroclor 1248)		U		Y	0.71	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1254 (Aroclor 1254)	7.5	D		Y	0.77	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1260 (Aroclor 1260)		U		Y	0.82	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1262 (Aroclor 1262)		U		Y	0.59	1.2	4
LB-27-COMP 2-4-10.3	17B0503-09	PCB-1268 (Aroclor 1268)		U		Y	0.47	1.2	4
LB-28-COMP 1-0-4	17B0503-10	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-28-COMP 1-0-4	17B0503-10	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-28-COMP 1-0-4	17B0503-10	PCB-1016 (Aroclor 1016)		U		Y	0.75	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1221 (Aroclor 1221)		U		Y	0.82	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1232 (Aroclor 1232)		U		Y	0.57	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1242 (Aroclor 1242)		U		Y	0.63	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1248 (Aroclor 1248)		U		Y	0.75	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1254 (Aroclor 1254)	7.5	D		Y	0.82	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1260 (Aroclor 1260)		U		Y	0.88	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1262 (Aroclor 1262)		U		Y	0.63	1.3	4
LB-28-COMP 1-0-4	17B0503-10	PCB-1268 (Aroclor 1268)		U		Y	0.5	1.3	4
LB-08-COMP 1-0-4	17B0503-11	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-08-COMP 1-0-4	17B0503-11	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-08-COMP 1-0-4	17B0503-11	PCB-1016 (Aroclor 1016)		U		Y	0.75	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1221 (Aroclor 1221)		U		Y	0.81	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1232 (Aroclor 1232)		U		Y	0.56	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1242 (Aroclor 1242)		U		Y	0.62	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1248 (Aroclor 1248)		U		Y	0.75	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1254 (Aroclor 1254)	11	D		Y	0.81	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1260 (Aroclor 1260)		U		Y	0.87	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1262 (Aroclor 1262)		U		Y	0.62	1.2	4
LB-08-COMP 1-0-4	17B0503-11	PCB-1268 (Aroclor 1268)		U		Y	0.5	1.2	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,5,6-Tetrachloro-Meta-Xylene	89			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Decachlorobiphenyl (PCB 209)	88.4			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1016 (Aroclor 1016)		U		Y	0.074	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1221 (Aroclor 1221)		U		Y	0.08	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1232 (Aroclor 1232)		U		Y	0.055	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1242 (Aroclor 1242)		U		Y	0.062	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1248 (Aroclor 1248)		U		Y	0.074	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1254 (Aroclor 1254)	0.28	D		Y	0.08	0.12	4

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LB-08-COMP 2-4-10.2	17B0503-12	PCB-1260 (Aroclor 1260)		U		Y	0.086	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1262 (Aroclor 1262)		U		Y	0.062	0.12	4
LB-08-COMP 2-4-10.2	17B0503-12	PCB-1268 (Aroclor 1268)		U		Y	0.049	0.12	4
LB-09-COMP 1-0-4	17B0503-13	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-09-COMP 1-0-4	17B0503-13	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-09-COMP 1-0-4	17B0503-13	PCB-1016 (Aroclor 1016)		U		Y	0.77	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1221 (Aroclor 1221)		U		Y	0.83	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1232 (Aroclor 1232)		U		Y	0.58	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1242 (Aroclor 1242)		U		Y	0.64	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1248 (Aroclor 1248)		U		Y	0.77	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1254 (Aroclor 1254)	8.3	D		Y	0.83	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1260 (Aroclor 1260)	1.4	D		Y	0.9	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1262 (Aroclor 1262)		U		Y	0.64	1.3	4
LB-09-COMP 1-0-4	17B0503-13	PCB-1268 (Aroclor 1268)		U		Y	0.51	1.3	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4,5,6-Tetrachloro-Meta-Xylene	89.3			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Decachlorobiphenyl (PCB 209)	77.3			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1016 (Aroclor 1016)		U		Y	0.079	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1221 (Aroclor 1221)		U		Y	0.085	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1232 (Aroclor 1232)		U		Y	0.059	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1242 (Aroclor 1242)		U		Y	0.065	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1248 (Aroclor 1248)		U		Y	0.079	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1254 (Aroclor 1254)	0.26	D		Y	0.085	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1260 (Aroclor 1260)		U		Y	0.092	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1262 (Aroclor 1262)		U		Y	0.065	0.13	4
LB-09-COMP 2-4-10.7	17B0503-14	PCB-1268 (Aroclor 1268)		U		Y	0.052	0.13	4
LB-11-COMP 2-4-9	17B0503-15	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-11-COMP 2-4-9	17B0503-15	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-11-COMP 2-4-9	17B0503-15	PCB-1016 (Aroclor 1016)		U		Y	0.73	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1221 (Aroclor 1221)		U		Y	0.79	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1232 (Aroclor 1232)		U		Y	0.55	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1242 (Aroclor 1242)		U		Y	0.61	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1248 (Aroclor 1248)		U		Y	0.73	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1254 (Aroclor 1254)	10	D		Y	0.79	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1260 (Aroclor 1260)	2	D		Y	0.85	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1262 (Aroclor 1262)		U		Y	0.61	1.2	4
LB-11-COMP 2-4-9	17B0503-15	PCB-1268 (Aroclor 1268)		U		Y	0.49	1.2	4
LB-11-COMP 1-0-4	17B0503-16	2,4,5,6-Tetrachloro-Meta-Xylene	96.3			Y			4
LB-11-COMP 1-0-4	17B0503-16	Decachlorobiphenyl (PCB 209)	105			Y			4
LB-11-COMP 1-0-4	17B0503-16	PCB-1016 (Aroclor 1016)		U		Y	0.38	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1221 (Aroclor 1221)		U		Y	0.41	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1232 (Aroclor 1232)		U		Y	0.28	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1242 (Aroclor 1242)		U		Y	0.31	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1248 (Aroclor 1248)		U		Y	0.38	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1254 (Aroclor 1254)	4	D		Y	0.41	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1260 (Aroclor 1260)	1.1	D		Y	0.44	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1262 (Aroclor 1262)		U		Y	0.31	0.62	4
LB-11-COMP 1-0-4	17B0503-16	PCB-1268 (Aroclor 1268)		U		Y	0.25	0.62	4
LB-12-COMP 1-0-4	17B0503-17	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-12-COMP 1-0-4	17B0503-17	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-12-COMP 1-0-4	17B0503-17	PCB-1016 (Aroclor 1016)		U		Y	1.5	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1221 (Aroclor 1221)		U		Y	1.7	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1232 (Aroclor 1232)		U		Y	1.2	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1242 (Aroclor 1242)		U		Y	1.3	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1248 (Aroclor 1248)		U		Y	1.5	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1254 (Aroclor 1254)	18	D		Y	1.7	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1260 (Aroclor 1260)		U		Y	1.8	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1262 (Aroclor 1262)		U		Y	1.3	2.6	4
LB-12-COMP 1-0-4	17B0503-17	PCB-1268 (Aroclor 1268)		U		Y	1	2.6	4
LB-12-COMP 2-4-9	17B0503-18	2,4,5,6-Tetrachloro-Meta-Xylene	89.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Decachlorobiphenyl (PCB 209)	76.8			Y			4
LB-12-COMP 2-4-9	17B0503-18	PCB-1016 (Aroclor 1016)		U		Y	0.075	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1221 (Aroclor 1221)		U		Y	0.082	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1232 (Aroclor 1232)		U		Y	0.057	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1242 (Aroclor 1242)		U		Y	0.063	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1248 (Aroclor 1248)		U		Y	0.075	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1254 (Aroclor 1254)	1	D	J	Y	0.082	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1260 (Aroclor 1260)		U		Y	0.088	0.13	4
LB-12-COMP 2-4-9	17B0503-18	PCB-1262 (Aroclor 1262)		U		Y	0.063	0.13	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-COMP 2-4-9	17B0503-18	PCB-1268 (Aroclor 1268)		U		Y	0.05	0.13	4
LB-13-COMP 1-0-4	17B0503-19	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-13-COMP 1-0-4	17B0503-19	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-13-COMP 1-0-4	17B0503-19	PCB-1016 (Aroclor 1016)		U		Y	2.9	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1221 (Aroclor 1221)		U		Y	3.1	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1232 (Aroclor 1232)		U		Y	2.2	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1242 (Aroclor 1242)		U		Y	2.4	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1248 (Aroclor 1248)		U		Y	2.9	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1254 (Aroclor 1254)	25	D		Y	3.1	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1260 (Aroclor 1260)		U		Y	3.4	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1262 (Aroclor 1262)		U		Y	2.4	4.8	4
LB-13-COMP 1-0-4	17B0503-19	PCB-1268 (Aroclor 1268)		U		Y	1.9	4.8	4
LB-13-COMP 2-4-9.8	17B0503-20	2,4,5,6-Tetrachloro-Meta-Xylene	92.2			Y			4
LB-13-COMP 2-4-9.8	17B0503-20	Decachlorobiphenyl (PCB 209)	79			Y			4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1016 (Aroclor 1016)		U		Y	0.37	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1221 (Aroclor 1221)		U		Y	0.4	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1232 (Aroclor 1232)		U		Y	0.28	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1242 (Aroclor 1242)		U		Y	0.31	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1248 (Aroclor 1248)		U		Y	0.37	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1254 (Aroclor 1254)	3.9	D		Y	0.4	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1260 (Aroclor 1260)		U		Y	0.43	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1262 (Aroclor 1262)		U		Y	0.31	0.61	4
LB-13-COMP 2-4-9.8	17B0503-20	PCB-1268 (Aroclor 1268)		U		Y	0.25	0.61	4
LB-01-COMP 1-0-4	17B0503-23	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-01-COMP 1-0-4	17B0503-23	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-01-COMP 1-0-4	17B0503-23	PCB-1016 (Aroclor 1016)		U		Y	3.4	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1221 (Aroclor 1221)		U		Y	3.7	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1232 (Aroclor 1232)		U		Y	2.6	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1242 (Aroclor 1242)		U		Y	2.9	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1248 (Aroclor 1248)		U		Y	3.4	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1254 (Aroclor 1254)	41	D		Y	3.7	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1260 (Aroclor 1260)		U		Y	4	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1262 (Aroclor 1262)		U		Y	2.9	5.7	4
LB-01-COMP 1-0-4	17B0503-23	PCB-1268 (Aroclor 1268)		U		Y	2.3	5.7	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4,5,6-Tetrachloro-Meta-Xylene	92.7			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Decachlorobiphenyl (PCB 209)	91.1			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1016 (Aroclor 1016)		U		Y	0.29	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1221 (Aroclor 1221)		U		Y	0.31	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1232 (Aroclor 1232)		U		Y	0.22	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1242 (Aroclor 1242)		U		Y	0.24	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1248 (Aroclor 1248)		U		Y	0.29	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1254 (Aroclor 1254)	2.6	D		Y	0.31	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1260 (Aroclor 1260)		U		Y	0.34	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1262 (Aroclor 1262)		U		Y	0.24	0.48	4
LB-01-COMP 2-4-9.8	17B0503-24	PCB-1268 (Aroclor 1268)		U		Y	0.19	0.48	4
LB-02-COMP 1-0-4	17B0503-25	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-02-COMP 1-0-4	17B0503-25	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-02-COMP 1-0-4	17B0503-25	PCB-1016 (Aroclor 1016)		U		Y	1.4	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1221 (Aroclor 1221)		U		Y	1.6	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1232 (Aroclor 1232)		U		Y	1.1	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1242 (Aroclor 1242)		U		Y	1.2	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1248 (Aroclor 1248)		U		Y	1.4	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1254 (Aroclor 1254)	24	D		Y	1.6	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1260 (Aroclor 1260)		U		Y	1.7	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1262 (Aroclor 1262)		U		Y	1.2	2.4	4
LB-02-COMP 1-0-4	17B0503-25	PCB-1268 (Aroclor 1268)		U		Y	0.96	2.4	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1016 (Aroclor 1016)		U		Y	0.74	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1221 (Aroclor 1221)		U		Y	0.8	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1232 (Aroclor 1232)		U		Y	0.56	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1242 (Aroclor 1242)		U		Y	0.62	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1248 (Aroclor 1248)		U		Y	0.74	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1254 (Aroclor 1254)	9.6	D		Y	0.8	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1260 (Aroclor 1260)		U		Y	0.86	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1262 (Aroclor 1262)		U		Y	0.62	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	PCB-1268 (Aroclor 1268)		U		Y	0.49	1.2	4
LB-03-COMP 1-0-4	17B0503-27	2,4,5,6-Tetrachloro-Meta-Xylene	92.7			Y			4

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LB-03-COMP 1-0-4	17B0503-27	Decachlorobiphenyl (PCB 209)	92.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	PCB-1016 (Aroclor 1016)		U		Y	0.34	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1221 (Aroclor 1221)		U		Y	0.37	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1232 (Aroclor 1232)		U		Y	0.25	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1242 (Aroclor 1242)		U		Y	0.28	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1248 (Aroclor 1248)		U		Y	0.34	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1254 (Aroclor 1254)	4.3	D		Y	0.37	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1260 (Aroclor 1260)		U		Y	0.4	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1262 (Aroclor 1262)		U		Y	0.28	0.56	4
LB-03-COMP 1-0-4	17B0503-27	PCB-1268 (Aroclor 1268)		U		Y	0.23	0.56	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4,5,6-Tetrachloro-Meta-Xylene	90.4			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Decachlorobiphenyl (PCB 209)	85			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1016 (Aroclor 1016)		U		Y	0.016	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1221 (Aroclor 1221)		U		Y	0.017	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1232 (Aroclor 1232)		U		Y	0.012	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1242 (Aroclor 1242)		U		Y	0.013	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1248 (Aroclor 1248)		U		Y	0.016	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1254 (Aroclor 1254)		U		Y	0.017	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1260 (Aroclor 1260)		U		Y	0.018	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1262 (Aroclor 1262)		U		Y	0.013	0.026	4
LB-03-COMP 2-4-9.9	17B0503-28	PCB-1268 (Aroclor 1268)		U		Y	0.01	0.026	4
LB-07-COMP 1-0-4	17B0503-29	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-07-COMP 1-0-4	17B0503-29	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-07-COMP 1-0-4	17B0503-29	PCB-1016 (Aroclor 1016)		U		Y	7.1	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1221 (Aroclor 1221)		U		Y	7.7	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1232 (Aroclor 1232)		U		Y	5.4	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1242 (Aroclor 1242)		U		Y	5.9	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1248 (Aroclor 1248)		U		Y	7.1	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1254 (Aroclor 1254)	39	D		Y	7.7	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1260 (Aroclor 1260)		U	UJ	Y	8.3	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1262 (Aroclor 1262)		U		Y	5.9	12	4
LB-07-COMP 1-0-4	17B0503-29	PCB-1268 (Aroclor 1268)		U		Y	4.8	12	4
LB-07-COMP 2-4-9.7	17B0503-30	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y			4
LB-07-COMP 2-4-9.7	17B0503-30	Decachlorobiphenyl (PCB 209)		U		Y			4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1016 (Aroclor 1016)		U		Y	15	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1221 (Aroclor 1221)		U		Y	17	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1232 (Aroclor 1232)		U		Y	11	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1242 (Aroclor 1242)		U		Y	13	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1248 (Aroclor 1248)		U		Y	15	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1254 (Aroclor 1254)	210	D		Y	17	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1260 (Aroclor 1260)		U	UJ	Y	18	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1262 (Aroclor 1262)		U		Y	13	25	4
LB-07-COMP 2-4-9.7	17B0503-30	PCB-1268 (Aroclor 1268)		U		Y	10	25	4
LB-28-COMP 2-4-11	17B0503-51	2,4,5,6-Tetrachloro-Meta-Xylene	87.5			Y			4
LB-28-COMP 2-4-11	17B0503-51	Decachlorobiphenyl (PCB 209)	77.5			Y			4
LB-28-COMP 2-4-11	17B0503-51	PCB-1016 (Aroclor 1016)		U		Y	0.075	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1221 (Aroclor 1221)		U		Y	0.082	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1232 (Aroclor 1232)		U		Y	0.057	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1242 (Aroclor 1242)		U		Y	0.063	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1248 (Aroclor 1248)		U		Y	0.075	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1254 (Aroclor 1254)	1.3	D		Y	0.082	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1260 (Aroclor 1260)		U		Y	0.088	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1262 (Aroclor 1262)		U		Y	0.063	0.13	4
LB-28-COMP 2-4-11	17B0503-51	PCB-1268 (Aroclor 1268)		U		Y	0.05	0.13	4
LB-29-COMP 1-0-4	17B0503-52	2,4,5,6-Tetrachloro-Meta-Xylene	79.9			Y			4
LB-29-COMP 1-0-4	17B0503-52	Decachlorobiphenyl (PCB 209)	67.3			Y			4
LB-29-COMP 1-0-4	17B0503-52	PCB-1016 (Aroclor 1016)		U		Y	0.069	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1221 (Aroclor 1221)		U		Y	0.075	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1232 (Aroclor 1232)		U		Y	0.052	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1242 (Aroclor 1242)		U		Y	0.058	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1248 (Aroclor 1248)		U		Y	0.069	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1254 (Aroclor 1254)	1.3	D		Y	0.075	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1260 (Aroclor 1260)		U	UJ	Y	0.081	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1262 (Aroclor 1262)		U		Y	0.058	0.12	4
LB-29-COMP 1-0-4	17B0503-52	PCB-1268 (Aroclor 1268)		U		Y	0.046	0.12	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4,5,6-Tetrachloro-Meta-Xylene	84.7			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Decachlorobiphenyl (PCB 209)	80.2			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1016 (Aroclor 1016)		U		Y	0.014	0.024	4

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LB-29-COMP 2-4-9.3	17B0503-53	PCB-1221 (Aroclor 1221)		U		Y	0.016	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1232 (Aroclor 1232)		U		Y	0.011	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1242 (Aroclor 1242)		U		Y	0.012	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1248 (Aroclor 1248)		U		Y	0.014	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1254 (Aroclor 1254)	0.027			Y	0.016	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1260 (Aroclor 1260)		U	UJ	Y	0.017	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1262 (Aroclor 1262)		U		Y	0.012	0.024	4
LB-29-COMP 2-4-9.3	17B0503-53	PCB-1268 (Aroclor 1268)		U		Y	0.0096	0.024	4
LB-13-COMP 3-10-15	17B0503-54	2,4,5,6-Tetrachloro-Meta-Xylene	74.6			Y			4
LB-13-COMP 3-10-15	17B0503-54	Decachlorobiphenyl (PCB 209)	55.1			Y			4
LB-13-COMP 3-10-15	17B0503-54	PCB-1016 (Aroclor 1016)		U		Y	0.3	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1221 (Aroclor 1221)		U		Y	0.32	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1232 (Aroclor 1232)		U		Y	0.22	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1242 (Aroclor 1242)		U		Y	0.25	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1248 (Aroclor 1248)		U		Y	0.3	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1254 (Aroclor 1254)	2.9	D		Y	0.32	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1260 (Aroclor 1260)		U		Y	0.35	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1262 (Aroclor 1262)		U		Y	0.25	0.5	4
LB-13-COMP 3-10-15	17B0503-54	PCB-1268 (Aroclor 1268)		U		Y	0.2	0.5	4
B170238-BLK1	B170238-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	89.1			Y			4
B170238-BLK1	B170238-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	82.3			Y			4
B170238-BLK1	B170238-BLK1	Decachlorobiphenyl (PCB 209)	101			Y			4
B170238-BLK1	B170238-BLK1	Decachlorobiphenyl (PCB 209)	88.5			Y			4
B170238-BLK1	B170238-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170238-BLK1	B170238-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170238-BS1	B170238-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89.5			Y			4
B170238-BS1	B170238-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	82.5			Y			4
B170238-BS1	B170238-BS1	Decachlorobiphenyl (PCB 209)	98.1			Y			4
B170238-BS1	B170238-BS1	Decachlorobiphenyl (PCB 209)	87			Y			4
B170238-BS1	B170238-BS1	PCB-1016 (Aroclor 1016)	0.16			Y	0.012	0.02	4
B170238-BS1	B170238-BS1	PCB-1016 (Aroclor 1016)	0.15			Y	0.012	0.02	4
B170238-BS1	B170238-BS1	PCB-1260 (Aroclor 1260)	0.16			Y	0.014	0.02	4
B170238-BS1	B170238-BS1	PCB-1260 (Aroclor 1260)	0.15			Y	0.014	0.02	4
B170238-BSD1	B170238-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	86			Y			4
B170238-BSD1	B170238-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	79.9			Y			4
B170238-BSD1	B170238-BSD1	Decachlorobiphenyl (PCB 209)	95.4			Y			4
B170238-BSD1	B170238-BSD1	Decachlorobiphenyl (PCB 209)	85.5			Y			4
B170238-BSD1	B170238-BSD1	PCB-1016 (Aroclor 1016)	0.16			Y	0.012	0.02	4
B170238-BSD1	B170238-BSD1	PCB-1016 (Aroclor 1016)	0.15			Y	0.012	0.02	4
B170238-BSD1	B170238-BSD1	PCB-1260 (Aroclor 1260)	0.15			Y	0.014	0.02	4
B170238-BSD1	B170238-BSD1	PCB-1260 (Aroclor 1260)	0.14			Y	0.014	0.02	4
B170375-BLK1	B170375-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	91.9			Y			4
B170375-BLK1	B170375-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	84.3			Y			4
B170375-BLK1	B170375-BLK1	Decachlorobiphenyl (PCB 209)	91.9			Y			4
B170375-BLK1	B170375-BLK1	Decachlorobiphenyl (PCB 209)	85.8			Y			4
B170375-BLK1	B170375-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170375-BLK1	B170375-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170375-BLK1	B170375-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170375-BS1	B170375-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	98.8			Y			4
B170375-BS1	B170375-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	87.9			Y			4
B170375-BS1	B170375-BS1	Decachlorobiphenyl (PCB 209)	101			Y			4
B170375-BS1	B170375-BS1	Decachlorobiphenyl (PCB 209)	94.3			Y			4
B170375-BS1	B170375-BS1	PCB-1016 (Aroclor 1016)	0.18			Y	0.012	0.02	4
B170375-BS1	B170375-BS1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170375-BS1	B170375-BS1	PCB-1260 (Aroclor 1260)	0.18			Y	0.014	0.02	4
B170375-BS1	B170375-BS1	PCB-1260 (Aroclor 1260)	0.18			Y	0.014	0.02	4
B170375-BSD1	B170375-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	95			Y			4
B170375-BSD1	B170375-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	85.5			Y			4
B170375-BSD1	B170375-BSD1	Decachlorobiphenyl (PCB 209)	97.7			Y			4
B170375-BSD1	B170375-BSD1	Decachlorobiphenyl (PCB 209)	92.5			Y			4
B170375-BSD1	B170375-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170375-BSD1	B170375-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170375-BSD1	B170375-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	0.014	0.02	4
B170375-BSD1	B170375-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	0.014	0.02	4
LB-12-COMP 2-4-9MS1	B170375-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	85.4			Y			4
LB-12-COMP 2-4-9MS1	B170375-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	83.9			Y			4
LB-12-COMP 2-4-9MS1	B170375-MS1	Decachlorobiphenyl (PCB 209)	72.9			Y			4
LB-12-COMP 2-4-9MS1	B170375-MS1	Decachlorobiphenyl (PCB 209)	66.4			Y			4
LB-12-COMP 2-4-9MS1	B170375-MS1	PCB-1016 (Aroclor 1016)	0.21	D	J	Y	0.075	0.13	4
LB-12-COMP 2-4-9MS1	B170375-MS1	PCB-1016 (Aroclor 1016)	0.39	D	J	Y	0.075	0.13	4
LB-12-COMP 2-4-9MS1	B170375-MS1	PCB-1260 (Aroclor 1260)	0.45	D	J	Y	0.088	0.13	4
LB-12-COMP 2-4-9MS1	B170375-MS1	PCB-1260 (Aroclor 1260)	0.35	D	J	Y	0.088	0.13	4
LB-12-COMP 2-4-9MSD	B170375-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	91.4			Y			4
LB-12-COMP 2-4-9MSD	B170375-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	89.1			Y			4
LB-12-COMP 2-4-9MSD	B170375-MSD1	Decachlorobiphenyl (PCB 209)	80.1			Y			4
LB-12-COMP 2-4-9MSD	B170375-MSD1	Decachlorobiphenyl (PCB 209)	72.2			Y			4
LB-12-COMP 2-4-9MSD	B170375-MSD1	PCB-1016 (Aroclor 1016)	0.24	D	J	Y	0.075	0.13	4
LB-12-COMP 2-4-9MSD	B170375-MSD1	PCB-1016 (Aroclor 1016)	0.39	D	J	Y	0.075	0.13	4
LB-12-COMP 2-4-9MSD	B170375-MSD1	PCB-1260 (Aroclor 1260)	0.49	D	J	Y	0.088	0.13	4
LB-12-COMP 2-4-9MSD	B170375-MSD1	PCB-1260 (Aroclor 1260)	0.38	D	J	Y	0.088	0.13	4
B170377-BLK1	B170377-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	105			Y			4
B170377-BLK1	B170377-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	97.1			Y			4
B170377-BLK1	B170377-BLK1	Decachlorobiphenyl (PCB 209)	107			Y			4
B170377-BLK1	B170377-BLK1	Decachlorobiphenyl (PCB 209)	105			Y			4
B170377-BLK1	B170377-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1016 (Aroclor 1016)		U		Y	0.012	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1221 (Aroclor 1221)		U		Y	0.013	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1232 (Aroclor 1232)		U		Y	0.009	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1242 (Aroclor 1242)		U		Y	0.01	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1248 (Aroclor 1248)		U		Y	0.012	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1254 (Aroclor 1254)		U		Y	0.013	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1260 (Aroclor 1260)		U		Y	0.014	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1262 (Aroclor 1262)		U		Y	0.01	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170377-BLK1	B170377-BLK1	PCB-1268 (Aroclor 1268)		U		Y	0.008	0.02	4
B170377-BS1	B170377-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	97.9			Y			4
B170377-BS1	B170377-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	90.9			Y			4
B170377-BS1	B170377-BS1	Decachlorobiphenyl (PCB 209)	97.8			Y			4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170377-BS1	B170377-BS1	Decachlorobiphenyl (PCB 209)	96.3			Y			4
B170377-BS1	B170377-BS1	PCB-1016 (Aroclor 1016)	0.18			Y	0.012	0.02	4
B170377-BS1	B170377-BS1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170377-BS1	B170377-BS1	PCB-1260 (Aroclor 1260)	0.19			Y	0.014	0.02	4
B170377-BS1	B170377-BS1	PCB-1260 (Aroclor 1260)	0.17			Y	0.014	0.02	4
B170377-BSD1	B170377-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	97.3			Y			4
B170377-BSD1	B170377-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	89.9			Y			4
B170377-BSD1	B170377-BSD1	Decachlorobiphenyl (PCB 209)	100			Y			4
B170377-BSD1	B170377-BSD1	Decachlorobiphenyl (PCB 209)	98.5			Y			4
B170377-BSD1	B170377-BSD1	PCB-1016 (Aroclor 1016)	0.19			Y	0.012	0.02	4
B170377-BSD1	B170377-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	0.012	0.02	4
B170377-BSD1	B170377-BSD1	PCB-1260 (Aroclor 1260)	0.19			Y	0.014	0.02	4
B170377-BSD1	B170377-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	0.014	0.02	4
LB-27-5.5-6	17B0503-21	1,1,1,2-Tetrachloroethane		U		Y	0.0019	0.0021	4
LB-27-5.5-6	17B0503-21	1,1,1-Trichloroethane		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	1,1,2,2-Tetrachloroethane		U		Y	0.00096	0.0011	4
LB-27-5.5-6	17B0503-21	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.00096	0.011	4
LB-27-5.5-6	17B0503-21	1,1,2-Trichloroethane		U		Y	0.0013	0.0021	4
LB-27-5.5-6	17B0503-21	1,1-Dichloroethane		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	1,1-Dichloroethene		U		Y	0.0012	0.0043	4
LB-27-5.5-6	17B0503-21	1,1-Dichloropropene		U		Y	0.00096	0.0021	4
LB-27-5.5-6	17B0503-21	1,2,3-Trichlorobenzene		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	1,2,3-Trichloropropane		U		Y	0.0012	0.0021	4
LB-27-5.5-6	17B0503-21	1,2,4-Trichlorobenzene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	1,2,4-Trimethylbenzene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	1,2-Dibromo-3-Chloropropane		U		Y	0.0012	0.0043	4
LB-27-5.5-6	17B0503-21	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	1,2-Dichlorobenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	1,2-Dichloroethane		U		Y	0.0014	0.0021	4
LB-27-5.5-6	17B0503-21	1,2-Dichloroethane-D4	98.2			Y			4
LB-27-5.5-6	17B0503-21	1,2-Dichloropropane		U		Y	0.0014	0.0021	4
LB-27-5.5-6	17B0503-21	1,3,5-Trichlorobenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	1,3-Dichlorobenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	1,3-Dichloropropane		U		Y	0.00075	0.0011	4
LB-27-5.5-6	17B0503-21	1,4-Dichlorobenzene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	1,4-Dichlorobenzene-D4	0.064			Y			4
LB-27-5.5-6	17B0503-21	1,4-Difluorobenzene	0.064			Y			4
LB-27-5.5-6	17B0503-21	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.061	0.11	4
LB-27-5.5-6	17B0503-21	2,2-Dichloropropane		U		Y	0.00096	0.0021	4
LB-27-5.5-6	17B0503-21	2-Chlorotoluene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	2-Hexanone		U		Y	0.012	0.021	4
LB-27-5.5-6	17B0503-21	2-Methoxy-2-Methylbutane		U		Y	0.00075	0.0011	4
LB-27-5.5-6	17B0503-21	4-Chlorotoluene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Acetone	0.11			Y	0.025	0.11	4
LB-27-5.5-6	17B0503-21	Acrylonitrile		U		Y	0.0027	0.0064	4
LB-27-5.5-6	17B0503-21	Benzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	Bromobenzene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Bromochloromethane		U		Y	0.0015	0.0021	4
LB-27-5.5-6	17B0503-21	Bromodichloromethane		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	Bromoform		U		Y	0.0015	0.0021	4
LB-27-5.5-6	17B0503-21	Bromomethane		U		Y	0.0045	0.011	4
LB-27-5.5-6	17B0503-21	Carbon Disulfide	0.0094			Y	0.0046	0.0064	4
LB-27-5.5-6	17B0503-21	Carbon Tetrachloride		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Chlorobenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	Chlorobenzene-D5	0.064			Y			4
LB-27-5.5-6	17B0503-21	Chloroethane		U		Y	0.0016	0.021	4
LB-27-5.5-6	17B0503-21	Chloroform		U		Y	0.00075	0.0043	4
LB-27-5.5-6	17B0503-21	Chloromethane		U		Y	0.0068	0.011	4
LB-27-5.5-6	17B0503-21	Cis-1,2-Dichloroethylene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Cis-1,3-Dichloropropene		U		Y	0.00075	0.0011	4
LB-27-5.5-6	17B0503-21	Cymene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Dibromochloromethane		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	Dibromomethane		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	Dichlorodifluoromethane		U		Y	0.0014	0.021	4
LB-27-5.5-6	17B0503-21	Diethyl Ether (Ethyl Ether)		U		Y	0.0019	0.021	4
LB-27-5.5-6	17B0503-21	Ethyl Tert-Butyl Ether		U		Y	0.00064	0.0011	4
LB-27-5.5-6	17B0503-21	Ethylbenzene		U		Y	0.00085	0.0021	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-27-5.5-6	17B0503-21	Hexachlorobutadiene		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	Isopropyl Ether		U		Y	0.00064	0.0011	4
LB-27-5.5-6	17B0503-21	Isopropylbenzene (Cumene)		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	m,p-Xylene		U		Y	0.0018	0.0043	4
LB-27-5.5-6	17B0503-21	Methyl Acetate		U		Y	0.0017	0.0021	4
LB-27-5.5-6	17B0503-21	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.019	0.043	4
LB-27-5.5-6	17B0503-21	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0081	0.021	4
LB-27-5.5-6	17B0503-21	Methylcyclohexane	0.0028			Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	Methylene Chloride		U		Y	0.0076	0.021	4
LB-27-5.5-6	17B0503-21	Naphthalene		U		Y	0.00075	0.0043	4
LB-27-5.5-6	17B0503-21	N-Butylbenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	N-Propylbenzene		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00075	0.0021	4
LB-27-5.5-6	17B0503-21	p-Bromofluorobenzene	102			Y			4
LB-27-5.5-6	17B0503-21	Pentafluorobenzene	0.064			Y			4
LB-27-5.5-6	17B0503-21	Sec-Butylbenzene		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	Styrene		U		Y	0.00064	0.0021	4
LB-27-5.5-6	17B0503-21	T-Butylbenzene		U		Y	0.00096	0.0021	4
LB-27-5.5-6	17B0503-21	Tert-Butyl Alcohol		U	UJ	Y	0.022	0.043	4
LB-27-5.5-6	17B0503-21	Tert-Butyl Methyl Ether		U		Y	0.00096	0.0043	4
LB-27-5.5-6	17B0503-21	Tetrachloroethylene (PCE)		U		Y	0.0014	0.0021	4
LB-27-5.5-6	17B0503-21	Tetrahydrofuran		U		Y	0.0023	0.011	4
LB-27-5.5-6	17B0503-21	Toluene		U		Y	0.00085	0.0021	4
LB-27-5.5-6	17B0503-21	Toluene-D8	104			Y			4
LB-27-5.5-6	17B0503-21	Trans-1,2-Dichloroethene		U		Y	0.00096	0.0021	4
LB-27-5.5-6	17B0503-21	Trans-1,3-Dichloropropene		U		Y	0.00075	0.0011	4
LB-27-5.5-6	17B0503-21	Trans-1,4-Dichloro-2-Butene		U		Y	0.0022	0.0043	4
LB-27-5.5-6	17B0503-21	Trichloroethylene (TCE)		U		Y	0.0011	0.0021	4
LB-27-5.5-6	17B0503-21	Trichlorofluoromethane		U		Y	0.0012	0.011	4
LB-27-5.5-6	17B0503-21	Vinyl Chloride		U		Y	0.0012	0.011	4
LB-28-10.5-11	17B0503-22	1,1,1,2-Tetrachloroethane		U		Y	0.0023	0.0026	4
LB-28-10.5-11	17B0503-22	1,1,1-Trichloroethane		U		Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	1,1,2,2-Tetrachloroethane		U		Y	0.0012	0.0013	4
LB-28-10.5-11	17B0503-22	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0012	0.013	4
LB-28-10.5-11	17B0503-22	1,1,2-Trichloroethane		U		Y	0.0015	0.0026	4
LB-28-10.5-11	17B0503-22	1,1-Dichloroethane		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	1,1-Dichloroethene		U		Y	0.0014	0.0052	4
LB-28-10.5-11	17B0503-22	1,1-Dichloropropene		U		Y	0.0012	0.0026	4
LB-28-10.5-11	17B0503-22	1,2,3-Trichlorobenzene		U	UJ	Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	1,2,3-Trichloropropane		U		Y	0.0014	0.0026	4
LB-28-10.5-11	17B0503-22	1,2,4-Trichlorobenzene		U	UJ	Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	1,2,4-Trimethylbenzene		U	UJ	Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	1,2-Dibromo-3-Chloropropane		U	UJ	Y	0.0014	0.0052	4
LB-28-10.5-11	17B0503-22	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	1,2-Dichlorobenzene		U	UJ	Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	1,2-Dichloroethane		U		Y	0.0017	0.0026	4
LB-28-10.5-11	17B0503-22	1,2-Dichloroethane-D4	101			Y			4
LB-28-10.5-11	17B0503-22	1,2-Dichloropropane		U		Y	0.0017	0.0026	4
LB-28-10.5-11	17B0503-22	1,3,5-Trichlorobenzene		U	UJ	Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	1,3-Dichlorobenzene		U	UJ	Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	1,3-Dichloropropane		U		Y	0.0009	0.0013	4
LB-28-10.5-11	17B0503-22	1,4-Dichlorobenzene		U	UJ	Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	1,4-Dichlorobenzene-D4	0.077			Y			4
LB-28-10.5-11	17B0503-22	1,4-Difluorobenzene	0.077			Y			4
LB-28-10.5-11	17B0503-22	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.074	0.13	4
LB-28-10.5-11	17B0503-22	2,2-Dichloropropane		U		Y	0.0012	0.0026	4
LB-28-10.5-11	17B0503-22	2-Chlorotoluene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	2-Hexanone		U		Y	0.014	0.026	4
LB-28-10.5-11	17B0503-22	2-Methoxy-2-Methylbutane		U		Y	0.0009	0.0013	4
LB-28-10.5-11	17B0503-22	4-Chlorotoluene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Acetone		U		Y	0.03	0.13	4
LB-28-10.5-11	17B0503-22	Acrylonitrile		U		Y	0.0032	0.0077	4
LB-28-10.5-11	17B0503-22	Benzene		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	Bromobenzene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Bromochloromethane		U		Y	0.0018	0.0026	4
LB-28-10.5-11	17B0503-22	Bromodichloromethane		U		Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	Bromoform		U	UJ	Y	0.0018	0.0026	4

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LB-28-10.5-11	17B0503-22	Bromomethane		U		Y	0.0054	0.013	4
LB-28-10.5-11	17B0503-22	Carbon Disulfide		U		Y	0.0055	0.0077	4
LB-28-10.5-11	17B0503-22	Carbon Tetrachloride		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Chlorobenzene		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	Chlorobenzene-D5	0.077			Y			4
LB-28-10.5-11	17B0503-22	Chloroethane		U		Y	0.0019	0.026	4
LB-28-10.5-11	17B0503-22	Chloroform		U		Y	0.0009	0.0052	4
LB-28-10.5-11	17B0503-22	Chloromethane		U		Y	0.0082	0.013	4
LB-28-10.5-11	17B0503-22	Cis-1,2-Dichloroethylene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Cis-1,3-Dichloropropene		U		Y	0.0009	0.0013	4
LB-28-10.5-11	17B0503-22	Cymene		U	UJ	Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Dibromochloromethane		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	Dibromomethane		U		Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	Dichlorodifluoromethane		U		Y	0.0017	0.026	4
LB-28-10.5-11	17B0503-22	Diethyl Ether (Ethyl Ether)		U		Y	0.0023	0.026	4
LB-28-10.5-11	17B0503-22	Ethyl Tert-Butyl Ether		U		Y	0.00077	0.0013	4
LB-28-10.5-11	17B0503-22	Ethylbenzene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Hexachlorobutadiene		U	UJ	Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	Isopropyl Ether		U		Y	0.00077	0.0013	4
LB-28-10.5-11	17B0503-22	Isopropylbenzene (Cumene)		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	m,p-Xylene		U		Y	0.0022	0.0052	4
LB-28-10.5-11	17B0503-22	Methyl Acetate		U		Y	0.0021	0.0026	4
LB-28-10.5-11	17B0503-22	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.023	0.052	4
LB-28-10.5-11	17B0503-22	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0098	0.026	4
LB-28-10.5-11	17B0503-22	Methylcyclohexane		U		Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	Methylene Chloride		U		Y	0.0091	0.026	4
LB-28-10.5-11	17B0503-22	Naphthalene		U	UJ	Y	0.0009	0.0052	4
LB-28-10.5-11	17B0503-22	N-Butylbenzene		U	UJ	Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	N-Propylbenzene		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0009	0.0026	4
LB-28-10.5-11	17B0503-22	p-Bromofluorobenzene	79			Y			4
LB-28-10.5-11	17B0503-22	Pentafluorobenzene	0.077			Y			4
LB-28-10.5-11	17B0503-22	Sec-Butylbenzene		U	UJ	Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	Styrene		U		Y	0.00077	0.0026	4
LB-28-10.5-11	17B0503-22	T-Butylbenzene		U	UJ	Y	0.0012	0.0026	4
LB-28-10.5-11	17B0503-22	Tert-Butyl Alcohol		U	UJ	Y	0.027	0.052	4
LB-28-10.5-11	17B0503-22	Tert-Butyl Methyl Ether		U		Y	0.0012	0.0052	4
LB-28-10.5-11	17B0503-22	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0026	4
LB-28-10.5-11	17B0503-22	Tetrahydrofuran		U		Y	0.0028	0.013	4
LB-28-10.5-11	17B0503-22	Toluene		U		Y	0.001	0.0026	4
LB-28-10.5-11	17B0503-22	Toluene-D8	93.8			Y			4
LB-28-10.5-11	17B0503-22	Trans-1,2-Dichloroethene		U		Y	0.0012	0.0026	4
LB-28-10.5-11	17B0503-22	Trans-1,3-Dichloropropene		U		Y	0.0009	0.0013	4
LB-28-10.5-11	17B0503-22	Trans-1,4-Dichloro-2-Butene		U		Y	0.0027	0.0052	4
LB-28-10.5-11	17B0503-22	Trichloroethylene (TCE)		U		Y	0.0013	0.0026	4
LB-28-10.5-11	17B0503-22	Trichlorofluoromethane		U		Y	0.0014	0.013	4
LB-28-10.5-11	17B0503-22	Vinyl Chloride		U		Y	0.0014	0.013	4
LB-28-10.5-11	17B0503-22RE1	1,1,1,2-Tetrachloroethane		U		Y	0.0021	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,1,1-Trichloroethane		U		Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,1,2,2-Tetrachloroethane		U		Y	0.001	0.0012	4
LB-28-10.5-11	17B0503-22RE1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.001	0.012	4
LB-28-10.5-11	17B0503-22RE1	1,1,2-Trichloroethane		U		Y	0.0014	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,1-Dichloroethane		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,1-Dichloroethene		U		Y	0.0013	0.0046	4
LB-28-10.5-11	17B0503-22RE1	1,1-Dichloropropene		U		Y	0.001	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2,3-Trichlorobenzene		U	UJ	Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2,3-Trichloropropane		U		Y	0.0013	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2,4-Trichlorobenzene		U	UJ	Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2,4-Trimethylbenzene	0.0028		JH	Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dibromo-3-Chloropropane		U	UJ	Y	0.0013	0.0046	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dichlorobenzene		U	UJ	Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dichloroethane		U		Y	0.0015	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,2-Dichloroethane-D4	103			Y			4
LB-28-10.5-11	17B0503-22RE1	1,2-Dichloropropane		U		Y	0.0015	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,3,5-Trichlorobenzene		U	UJ	Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,3-Dichlorobenzene		U	UJ	Y	0.00081	0.0023	4

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LB-28-10.5-11	17B0503-22RE1	1,3-Dichloropropane		U		Y	0.00081	0.0012	4
LB-28-10.5-11	17B0503-22RE1	1,4-Dichlorobenzene		U	UJ	Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	1,4-Dichlorobenzene-D4	0.07			Y			4
LB-28-10.5-11	17B0503-22RE1	1,4-Difluorobenzene	0.07			Y			4
LB-28-10.5-11	17B0503-22RE1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.067	0.12	4
LB-28-10.5-11	17B0503-22RE1	2,2-Dichloropropane		U		Y	0.001	0.0023	4
LB-28-10.5-11	17B0503-22RE1	2-Chlorotoluene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	2-Hexanone		U		Y	0.013	0.023	4
LB-28-10.5-11	17B0503-22RE1	2-Methoxy-2-Methylbutane		U		Y	0.00081	0.0012	4
LB-28-10.5-11	17B0503-22RE1	4-Chlorotoluene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Acetone	0.13			Y	0.027	0.12	4
LB-28-10.5-11	17B0503-22RE1	Acrylonitrile		U		Y	0.0029	0.007	4
LB-28-10.5-11	17B0503-22RE1	Benzene		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromobenzene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromochloromethane		U		Y	0.0016	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromodichloromethane		U		Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromoforn		U		Y	0.0016	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Bromomethane		U		Y	0.0049	0.012	4
LB-28-10.5-11	17B0503-22RE1	Carbon Disulfide		U		Y	0.005	0.007	4
LB-28-10.5-11	17B0503-22RE1	Carbon Tetrachloride		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Chlorobenzene		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Chlorobenzene-D5	0.07			Y			4
LB-28-10.5-11	17B0503-22RE1	Chloroethane		U		Y	0.0017	0.023	4
LB-28-10.5-11	17B0503-22RE1	Chloroform		U		Y	0.00081	0.0046	4
LB-28-10.5-11	17B0503-22RE1	Chloromethane		U		Y	0.0074	0.012	4
LB-28-10.5-11	17B0503-22RE1	Cis-1,2-Dichloroethylene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Cis-1,3-Dichloropropene		U		Y	0.00081	0.0012	4
LB-28-10.5-11	17B0503-22RE1	Cymene		U	UJ	Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Dibromochloromethane		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Dibromomethane		U		Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Dichlorodifluoromethane		U		Y	0.0015	0.023	4
LB-28-10.5-11	17B0503-22RE1	Diethyl Ether (Ethyl Ether)		U		Y	0.0021	0.023	4
LB-28-10.5-11	17B0503-22RE1	Ethyl Tert-Butyl Ether		U		Y	0.0007	0.0012	4
LB-28-10.5-11	17B0503-22RE1	Ethylbenzene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Hexachlorobutadiene		U	UJ	Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Isopropyl Ether		U		Y	0.0007	0.0012	4
LB-28-10.5-11	17B0503-22RE1	Isopropylbenzene (Cumene)		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	m,p-Xylene		U		Y	0.002	0.0046	4
LB-28-10.5-11	17B0503-22RE1	Methyl Acetate		U		Y	0.0019	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.02	0.046	4
LB-28-10.5-11	17B0503-22RE1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0088	0.023	4
LB-28-10.5-11	17B0503-22RE1	Methylcyclohexane	0.0034			Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Methylene Chloride		U		Y	0.0082	0.023	4
LB-28-10.5-11	17B0503-22RE1	Naphthalene	0.0089		JH	Y	0.00081	0.0046	4
LB-28-10.5-11	17B0503-22RE1	N-Butylbenzene		U	UJ	Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	N-Propylbenzene		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00081	0.0023	4
LB-28-10.5-11	17B0503-22RE1	p-Bromofluorobenzene	68.7			Y			4
LB-28-10.5-11	17B0503-22RE1	Pentafluorobenzene	0.07			Y			4
LB-28-10.5-11	17B0503-22RE1	Sec-Butylbenzene		U	UJ	Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Styrene		U		Y	0.0007	0.0023	4
LB-28-10.5-11	17B0503-22RE1	T-Butylbenzene		U	UJ	Y	0.001	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Tert-Butyl Alcohol		U	UJ	Y	0.024	0.046	4
LB-28-10.5-11	17B0503-22RE1	Tert-Butyl Methyl Ether		U		Y	0.001	0.0046	4
LB-28-10.5-11	17B0503-22RE1	Tetrachloroethylene (PCE)		U		Y	0.0015	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Tetrahydrofuran		U		Y	0.0026	0.012	4
LB-28-10.5-11	17B0503-22RE1	Toluene		U		Y	0.00093	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Toluene-D8	93.1			Y			4
LB-28-10.5-11	17B0503-22RE1	Trans-1,2-Dichloroethene		U		Y	0.001	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Trans-1,3-Dichloropropene		U		Y	0.00081	0.0012	4
LB-28-10.5-11	17B0503-22RE1	Trans-1,4-Dichloro-2-Butene		U		Y	0.0024	0.0046	4
LB-28-10.5-11	17B0503-22RE1	Trichloroethylene (TCE)		U		Y	0.0012	0.0023	4
LB-28-10.5-11	17B0503-22RE1	Trichlorofluoromethane		U		Y	0.0013	0.012	4
LB-28-10.5-11	17B0503-22RE1	Vinyl Chloride		U		Y	0.0013	0.012	4
LB-13-3-3.5	17B0503-31	1,1,1,2-Tetrachloroethane		U		Y	0.0022	0.0025	4
LB-13-3-3.5	17B0503-31	1,1,1-Trichloroethane		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	1,1,2,2-Tetrachloroethane		U		Y	0.0011	0.0012	4
LB-13-3-3.5	17B0503-31	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0011	0.012	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-13-3-3.5	17B0503-31	1,1,2-Trichloroethane		U		Y	0.0015	0.0025	4
LB-13-3-3.5	17B0503-31	1,1-Dichloroethane		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	1,1-Dichloroethene		U		Y	0.0014	0.0049	4
LB-13-3-3.5	17B0503-31	1,1-Dichloropropene		U		Y	0.0011	0.0025	4
LB-13-3-3.5	17B0503-31	1,2,3-Trichlorobenzene		U		Y	0.00074	0.0025	4
LB-13-3-3.5	17B0503-31	1,2,3-Trichloropropane		U		Y	0.0014	0.0025	4
LB-13-3-3.5	17B0503-31	1,2,4-Trichlorobenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	1,2,4-Trimethylbenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0049	4
LB-13-3-3.5	17B0503-31	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	1,2-Dichlorobenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	1,2-Dichloroethane		U		Y	0.0016	0.0025	4
LB-13-3-3.5	17B0503-31	1,2-Dichloroethane-D4	102			Y			4
LB-13-3-3.5	17B0503-31	1,2-Dichloropropane		U		Y	0.0016	0.0025	4
LB-13-3-3.5	17B0503-31	1,3,5-Trichlorobenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00074	0.0025	4
LB-13-3-3.5	17B0503-31	1,3-Dichlorobenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	1,3-Dichloropropane		U		Y	0.00087	0.0012	4
LB-13-3-3.5	17B0503-31	1,4-Dichlorobenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	1,4-Dichlorobenzene-D4	0.074			Y			4
LB-13-3-3.5	17B0503-31	1,4-Difluorobenzene	0.074			Y			4
LB-13-3-3.5	17B0503-31	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.071	0.12	4
LB-13-3-3.5	17B0503-31	2,2-Dichloropropane		U		Y	0.0011	0.0025	4
LB-13-3-3.5	17B0503-31	2-Chlorotoluene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	2-Hexanone		U		Y	0.013	0.025	4
LB-13-3-3.5	17B0503-31	2-Methoxy-2-Methylbutane		U		Y	0.00087	0.0012	4
LB-13-3-3.5	17B0503-31	4-Chlorotoluene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Acetone	0.29			Y	0.029	0.12	4
LB-13-3-3.5	17B0503-31	Acrylonitrile		U		Y	0.0031	0.0074	4
LB-13-3-3.5	17B0503-31	Benzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	Bromobenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Bromochloromethane		U		Y	0.0017	0.0025	4
LB-13-3-3.5	17B0503-31	Bromodichloromethane		U		Y	0.00074	0.0025	4
LB-13-3-3.5	17B0503-31	Bromoform		U		Y	0.0017	0.0025	4
LB-13-3-3.5	17B0503-31	Bromomethane		U		Y	0.0052	0.012	4
LB-13-3-3.5	17B0503-31	Carbon Disulfide		U		Y	0.0053	0.0074	4
LB-13-3-3.5	17B0503-31	Carbon Tetrachloride		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Chlorobenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	Chlorobenzene-D5	0.074			Y			4
LB-13-3-3.5	17B0503-31	Chloroethane		U		Y	0.0019	0.025	4
LB-13-3-3.5	17B0503-31	Chloroform		U		Y	0.00087	0.0049	4
LB-13-3-3.5	17B0503-31	Chloromethane		U		Y	0.0079	0.012	4
LB-13-3-3.5	17B0503-31	Cis-1,2-Dichloroethylene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Cis-1,3-Dichloropropene		U		Y	0.00087	0.0012	4
LB-13-3-3.5	17B0503-31	Cymene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Dibromochloromethane		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	Dibromomethane		U		Y	0.00074	0.0025	4
LB-13-3-3.5	17B0503-31	Dichlorodifluoromethane		U		Y	0.0016	0.025	4
LB-13-3-3.5	17B0503-31	Diethyl Ether (Ethyl Ether)		U		Y	0.0022	0.025	4
LB-13-3-3.5	17B0503-31	Ethyl Tert-Butyl Ether		U		Y	0.00074	0.0012	4
LB-13-3-3.5	17B0503-31	Ethylbenzene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Hexachlorobutadiene		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	Isopropyl Ether		U		Y	0.00074	0.0012	4
LB-13-3-3.5	17B0503-31	Isopropylbenzene (Cumene)		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	m,p-Xylene		U		Y	0.0021	0.0049	4
LB-13-3-3.5	17B0503-31	Methyl Acetate		U		Y	0.002	0.0025	4
LB-13-3-3.5	17B0503-31	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.022	0.049	4
LB-13-3-3.5	17B0503-31	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0094	0.025	4
LB-13-3-3.5	17B0503-31	Methylcyclohexane	0.005			Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	Methylene Chloride		U		Y	0.0088	0.025	4
LB-13-3-3.5	17B0503-31	Naphthalene		U		Y	0.00087	0.0049	4
LB-13-3-3.5	17B0503-31	N-Butylbenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	N-Propylbenzene		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00087	0.0025	4
LB-13-3-3.5	17B0503-31	p-Bromofluorobenzene	98.2			Y			4
LB-13-3-3.5	17B0503-31	Pentafluorobenzene	0.074			Y			4
LB-13-3-3.5	17B0503-31	Sec-Butylbenzene		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	Styrene		U		Y	0.00074	0.0025	4

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LB-13-3-3.5	17B0503-31	T-Butylbenzene		U		Y	0.0011	0.0025	4
LB-13-3-3.5	17B0503-31	Tert-Butyl Alcohol		U	UJ	Y	0.026	0.049	4
LB-13-3-3.5	17B0503-31	Tert-Butyl Methyl Ether		U		Y	0.0011	0.0049	4
LB-13-3-3.5	17B0503-31	Tetrachloroethylene (PCE)		U		Y	0.0016	0.0025	4
LB-13-3-3.5	17B0503-31	Tetrahydrofuran		U		Y	0.0027	0.012	4
LB-13-3-3.5	17B0503-31	Toluene		U		Y	0.00099	0.0025	4
LB-13-3-3.5	17B0503-31	Toluene-D8	104			Y			4
LB-13-3-3.5	17B0503-31	Trans-1,2-Dichloroethene		U		Y	0.0011	0.0025	4
LB-13-3-3.5	17B0503-31	Trans-1,3-Dichloropropene		U		Y	0.00087	0.0012	4
LB-13-3-3.5	17B0503-31	Trans-1,4-Dichloro-2-Butene		U		Y	0.0026	0.0049	4
LB-13-3-3.5	17B0503-31	Trichloroethylene (TCE)		U		Y	0.0012	0.0025	4
LB-13-3-3.5	17B0503-31	Trichlorofluoromethane		U		Y	0.0014	0.012	4
LB-13-3-3.5	17B0503-31	Vinyl Chloride		U		Y	0.0014	0.012	4
LB-13-5-5.5	17B0503-32	1,1,1,2-Tetrachloroethane		U		Y	0.0022	0.0024	4
LB-13-5-5.5	17B0503-32	1,1,1-Trichloroethane		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	1,1,2,2-Tetrachloroethane		U		Y	0.0011	0.0012	4
LB-13-5-5.5	17B0503-32	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0011	0.012	4
LB-13-5-5.5	17B0503-32	1,1,2-Trichloroethane		U		Y	0.0014	0.0024	4
LB-13-5-5.5	17B0503-32	1,1-Dichloroethane		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	1,1-Dichloroethene		U		Y	0.0013	0.0048	4
LB-13-5-5.5	17B0503-32	1,1-Dichloropropene		U		Y	0.0011	0.0024	4
LB-13-5-5.5	17B0503-32	1,2,3-Trichlorobenzene		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	1,2,3-Trichloropropane		U		Y	0.0013	0.0024	4
LB-13-5-5.5	17B0503-32	1,2,4-Trichlorobenzene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	1,2,4-Trimethylbenzene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	1,2-Dibromo-3-Chloropropane		U		Y	0.0013	0.0048	4
LB-13-5-5.5	17B0503-32	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	1,2-Dichlorobenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	1,2-Dichloroethane		U		Y	0.0016	0.0024	4
LB-13-5-5.5	17B0503-32	1,2-Dichloroethane-D4	95.8			Y			4
LB-13-5-5.5	17B0503-32	1,2-Dichloropropane		U		Y	0.0016	0.0024	4
LB-13-5-5.5	17B0503-32	1,3,5-Trichlorobenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	1,3-Dichlorobenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	1,3-Dichloropropane		U		Y	0.00084	0.0012	4
LB-13-5-5.5	17B0503-32	1,4-Dichlorobenzene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	1,4-Dichlorobenzene-D4	0.072			Y			4
LB-13-5-5.5	17B0503-32	1,4-Difluorobenzene	0.072			Y			4
LB-13-5-5.5	17B0503-32	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.069	0.12	4
LB-13-5-5.5	17B0503-32	2,2-Dichloropropane		U		Y	0.0011	0.0024	4
LB-13-5-5.5	17B0503-32	2-Chlorotoluene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	2-Hexanone		U		Y	0.013	0.024	4
LB-13-5-5.5	17B0503-32	2-Methoxy-2-Methylbutane		U		Y	0.00084	0.0012	4
LB-13-5-5.5	17B0503-32	4-Chlorotoluene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Acetone		U		Y	0.028	0.12	4
LB-13-5-5.5	17B0503-32	Acrylonitrile		U		Y	0.003	0.0072	4
LB-13-5-5.5	17B0503-32	Benzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	Bromobenzene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Bromochloromethane		U		Y	0.0017	0.0024	4
LB-13-5-5.5	17B0503-32	Bromodichloromethane		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	Bromoform		U		Y	0.0017	0.0024	4
LB-13-5-5.5	17B0503-32	Bromomethane		U		Y	0.005	0.012	4
LB-13-5-5.5	17B0503-32	Carbon Disulfide		U		Y	0.0052	0.0072	4
LB-13-5-5.5	17B0503-32	Carbon Tetrachloride		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Chlorobenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	Chlorobenzene-D5	0.072			Y			4
LB-13-5-5.5	17B0503-32	Chloroethane		U		Y	0.0018	0.024	4
LB-13-5-5.5	17B0503-32	Chloroform		U		Y	0.00084	0.0048	4
LB-13-5-5.5	17B0503-32	Chloromethane		U		Y	0.0077	0.012	4
LB-13-5-5.5	17B0503-32	Cis-1,2-Dichloroethylene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Cis-1,3-Dichloropropene		U		Y	0.00084	0.0012	4
LB-13-5-5.5	17B0503-32	Cymene	0.004			Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Dibromochloromethane		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	Dibromomethane		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	Dichlorodifluoromethane		U		Y	0.0016	0.024	4
LB-13-5-5.5	17B0503-32	Diethyl Ether (Ethyl Ether)		U		Y	0.0022	0.024	4
LB-13-5-5.5	17B0503-32	Ethyl Tert-Butyl Ether		U		Y	0.00072	0.0012	4
LB-13-5-5.5	17B0503-32	Ethylbenzene		U		Y	0.00096	0.0024	4

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LB-13-5-5.5	17B0503-32	Hexachlorobutadiene		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	Isopropyl Ether		U		Y	0.00072	0.0012	4
LB-13-5-5.5	17B0503-32	Isopropylbenzene (Cumene)		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	m,p-Xylene		U		Y	0.002	0.0048	4
LB-13-5-5.5	17B0503-32	Methyl Acetate		U		Y	0.0019	0.0024	4
LB-13-5-5.5	17B0503-32	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.021	0.048	4
LB-13-5-5.5	17B0503-32	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0091	0.024	4
LB-13-5-5.5	17B0503-32	Methylcyclohexane	0.0042			Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	Methylene Chloride		U		Y	0.0085	0.024	4
LB-13-5-5.5	17B0503-32	Naphthalene		U		Y	0.00084	0.0048	4
LB-13-5-5.5	17B0503-32	N-Butylbenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	N-Propylbenzene		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00084	0.0024	4
LB-13-5-5.5	17B0503-32	p-Bromofluorobenzene	97.3			Y			4
LB-13-5-5.5	17B0503-32	Pentafluorobenzene	0.072			Y			4
LB-13-5-5.5	17B0503-32	Sec-Butylbenzene		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	Styrene		U		Y	0.00072	0.0024	4
LB-13-5-5.5	17B0503-32	T-Butylbenzene		U		Y	0.0011	0.0024	4
LB-13-5-5.5	17B0503-32	Tert-Butyl Alcohol		U	UJ	Y	0.025	0.048	4
LB-13-5-5.5	17B0503-32	Tert-Butyl Methyl Ether		U		Y	0.0011	0.0048	4
LB-13-5-5.5	17B0503-32	Tetrachloroethylene (PCE)		U		Y	0.0016	0.0024	4
LB-13-5-5.5	17B0503-32	Tetrahydrofuran		U		Y	0.0026	0.012	4
LB-13-5-5.5	17B0503-32	Toluene		U		Y	0.00096	0.0024	4
LB-13-5-5.5	17B0503-32	Toluene-D8	100			Y			4
LB-13-5-5.5	17B0503-32	Trans-1,2-Dichloroethene		U		Y	0.0011	0.0024	4
LB-13-5-5.5	17B0503-32	Trans-1,3-Dichloropropene		U		Y	0.00084	0.0012	4
LB-13-5-5.5	17B0503-32	Trans-1,4-Dichloro-2-Butene		U		Y	0.0025	0.0048	4
LB-13-5-5.5	17B0503-32	Trichloroethylene (TCE)		U		Y	0.0012	0.0024	4
LB-13-5-5.5	17B0503-32	Trichlorofluoromethane		U		Y	0.0013	0.012	4
LB-13-5-5.5	17B0503-32	Vinyl Chloride		U		Y	0.0013	0.012	4
LB-14-3.5-4	17B0503-33	1,1,1,2-Tetrachloroethane		U		Y	0.0088	0.074	4
LB-14-3.5-4	17B0503-33	1,1,1-Trichloroethane		U		Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	1,1,2,2-Tetrachloroethane		U		Y	0.012	0.037	4
LB-14-3.5-4	17B0503-33	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.014	0.074	4
LB-14-3.5-4	17B0503-33	1,1,2-Trichloroethane		U		Y	0.017	0.074	4
LB-14-3.5-4	17B0503-33	1,1-Dichloroethane		U		Y	0.012	0.074	4
LB-14-3.5-4	17B0503-33	1,1-Dichloroethene		U		Y	0.015	0.074	4
LB-14-3.5-4	17B0503-33	1,1-Dichloropropene		U		Y	0.0094	0.15	4
LB-14-3.5-4	17B0503-33	1,2,3-Trichlorobenzene		U		Y	0.01	0.37	4
LB-14-3.5-4	17B0503-33	1,2,3-Trichloropropane		U		Y	0.016	0.15	4
LB-14-3.5-4	17B0503-33	1,2,4-Trichlorobenzene		U		Y	0.014	0.074	4
LB-14-3.5-4	17B0503-33	1,2,4-Trimethylbenzene	4.8			Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	1,2-Dibromo-3-Chloropropane		U		Y	0.027	0.37	4
LB-14-3.5-4	17B0503-33	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.011	0.037	4
LB-14-3.5-4	17B0503-33	1,2-Dichlorobenzene		U		Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	1,2-Dichloroethane		U		Y	0.014	0.074	4
LB-14-3.5-4	17B0503-33	1,2-Dichloroethane-D4	98			Y			4
LB-14-3.5-4	17B0503-33	1,2-Dichloropropane		U		Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	1,3,5-Trichlorobenzene		U		Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	1,3,5-Trimethylbenzene (Mesitylene)	1.9			Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	1,3-Dichlorobenzene		U		Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	1,3-Dichloropropane		U		Y	0.0096	0.037	4
LB-14-3.5-4	17B0503-33	1,4-Dichlorobenzene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	1,4-Dichlorobenzene-D4	30			Y			4
LB-14-3.5-4	17B0503-33	1,4-Difluorobenzene	30			Y			4
LB-14-3.5-4	17B0503-33	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2	3.7	4
LB-14-3.5-4	17B0503-33	2,2-Dichloropropane		U		Y	0.016	0.074	4
LB-14-3.5-4	17B0503-33	2-Chlorotoluene		U		Y	0.0088	0.074	4
LB-14-3.5-4	17B0503-33	2-Hexanone		U		Y	0.11	0.74	4
LB-14-3.5-4	17B0503-33	2-Methoxy-2-Methylbutane		U		Y	0.0078	0.037	4
LB-14-3.5-4	17B0503-33	4-Chlorotoluene		U		Y	0.01	0.074	4
LB-14-3.5-4	17B0503-33	Acetone		U		Y	0.36	3.7	4
LB-14-3.5-4	17B0503-33	Acrylonitrile		U		Y	0.043	0.37	4
LB-14-3.5-4	17B0503-33	Benzene	0.27		J	Y	0.0088	0.074	4
LB-14-3.5-4	17B0503-33	Bromobenzene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	Bromochloromethane		U		Y	0.016	0.074	4
LB-14-3.5-4	17B0503-33	Bromodichloromethane		U		Y	0.022	0.074	4
LB-14-3.5-4	17B0503-33	Bromoform		U		Y	0.015	0.15	4

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LB-14-3.5-4	17B0503-33	Bromomethane		U		Y	0.069	0.15	4
LB-14-3.5-4	17B0503-33	Carbon Disulfide		U		Y	0.075	0.22	4
LB-14-3.5-4	17B0503-33	Carbon Tetrachloride		U		Y	0.018	0.074	4
LB-14-3.5-4	17B0503-33	Chlorobenzene		U		Y	0.012	0.074	4
LB-14-3.5-4	17B0503-33	Chlorobenzene-D5	30			Y			4
LB-14-3.5-4	17B0503-33	Chloroethane		U		Y	0.021	0.15	4
LB-14-3.5-4	17B0503-33	Chloroform		U		Y	0.016	0.15	4
LB-14-3.5-4	17B0503-33	Chloromethane		U	UJ	Y	0.041	0.15	4
LB-14-3.5-4	17B0503-33	Cis-1,2-Dichloroethylene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	Cis-1,3-Dichloropropene		U		Y	0.0088	0.037	4
LB-14-3.5-4	17B0503-33	Cymene	0.16			Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	Dibromochloromethane		U		Y	0.0077	0.037	4
LB-14-3.5-4	17B0503-33	Dibromomethane		U		Y	0.012	0.074	4
LB-14-3.5-4	17B0503-33	Dichlorodifluoromethane		U		Y	0.021	0.15	4
LB-14-3.5-4	17B0503-33	Diethyl Ether (Ethyl Ether)		U		Y	0.016	0.15	4
LB-14-3.5-4	17B0503-33	Ethyl Tert-Butyl Ether		U		Y	0.007	0.037	4
LB-14-3.5-4	17B0503-33	Ethylbenzene	1.4		J	Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	Hexachlorobutadiene		U		Y	0.043	0.074	4
LB-14-3.5-4	17B0503-33	Isopropyl Ether		U		Y	0.013	0.037	4
LB-14-3.5-4	17B0503-33	Isopropylbenzene (Cumene)	1.3		J	Y	0.0088	0.074	4
LB-14-3.5-4	17B0503-33	m,p-Xylene	4.3		J	Y	0.019	0.15	4
LB-14-3.5-4	17B0503-33	Methyl Acetate		U		Y	0.031	0.74	4
LB-14-3.5-4	17B0503-33	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.17	1.5	4
LB-14-3.5-4	17B0503-33	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.11	0.74	4
LB-14-3.5-4	17B0503-33	Methylcyclohexane	2.3		J	Y	0.046	0.074	4
LB-14-3.5-4	17B0503-33	Methylene Chloride		U		Y	0.23	0.37	4
LB-14-3.5-4	17B0503-33	Naphthalene	2.6			Y	0.0089	0.15	4
LB-14-3.5-4	17B0503-33	N-Butylbenzene	13			Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	N-Propylbenzene	9.9		J	Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	O-Xylene (1,2-Dimethylbenzene)	0.6		J	Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	p-Bromofluorobenzene	114			Y			4
LB-14-3.5-4	17B0503-33	Pentafluorobenzene	30			Y			4
LB-14-3.5-4	17B0503-33	Sec-Butylbenzene	5			Y	0.0096	0.074	4
LB-14-3.5-4	17B0503-33	Styrene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	T-Butylbenzene	0.21			Y	0.0089	0.074	4
LB-14-3.5-4	17B0503-33	Tert-Butyl Alcohol		U		Y	0.16	1.5	4
LB-14-3.5-4	17B0503-33	Tert-Butyl Methyl Ether		U		Y	0.0066	0.074	4
LB-14-3.5-4	17B0503-33	Tetrachloroethylene (PCE)		U		Y	0.02	0.074	4
LB-14-3.5-4	17B0503-33	Tetrahydrofuran		U		Y	0.079	0.74	4
LB-14-3.5-4	17B0503-33	Toluene	2		J	Y	0.013	0.074	4
LB-14-3.5-4	17B0503-33	Toluene-D8	101			Y			4
LB-14-3.5-4	17B0503-33	Trans-1,2-Dichloroethene		U		Y	0.011	0.074	4
LB-14-3.5-4	17B0503-33	Trans-1,3-Dichloropropene		U		Y	0.0082	0.037	4
LB-14-3.5-4	17B0503-33	Trans-1,4-Dichloro-2-Butene		U		Y	0.023	0.15	4
LB-14-3.5-4	17B0503-33	Trichloroethylene (TCE)		U		Y	0.015	0.074	4
LB-14-3.5-4	17B0503-33	Trichlorofluoromethane		U		Y	0.011	0.15	4
LB-14-3.5-4	17B0503-33	Vinyl Chloride		U		Y	0.0098	0.15	4
LB-14-5-5.5	17B0503-34	1,1,1,2-Tetrachloroethane		U		Y	0.0024	0.0026	4
LB-14-5-5.5	17B0503-34	1,1,1-Trichloroethane		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	1,1,2,2-Tetrachloroethane		U		Y	0.0012	0.0013	4
LB-14-5-5.5	17B0503-34	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0012	0.013	4
LB-14-5-5.5	17B0503-34	1,1,2-Trichloroethane		U		Y	0.0016	0.0026	4
LB-14-5-5.5	17B0503-34	1,1-Dichloroethane		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	1,1-Dichloroethene		U		Y	0.0014	0.0052	4
LB-14-5-5.5	17B0503-34	1,1-Dichloropropene		U		Y	0.0012	0.0026	4
LB-14-5-5.5	17B0503-34	1,2,3-Trichlorobenzene		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	1,2,3-Trichloropropane		U		Y	0.0014	0.0026	4
LB-14-5-5.5	17B0503-34	1,2,4-Trichlorobenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	1,2,4-Trimethylbenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0052	4
LB-14-5-5.5	17B0503-34	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	1,2-Dichlorobenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	1,2-Dichloroethane		U		Y	0.0017	0.0026	4
LB-14-5-5.5	17B0503-34	1,2-Dichloroethane-D4	103			Y			4
LB-14-5-5.5	17B0503-34	1,2-Dichloropropane		U		Y	0.0017	0.0026	4
LB-14-5-5.5	17B0503-34	1,3,5-Trichlorobenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	1,3-Dichlorobenzene		U		Y	0.00092	0.0026	4

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LB-14-5-5.5	17B0503-34	1,3-Dichloropropane		U		Y	0.00092	0.0013	4
LB-14-5-5.5	17B0503-34	1,4-Dichlorobenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	1,4-Dichlorobenzene-D4	0.079			Y			4
LB-14-5-5.5	17B0503-34	1,4-Difluorobenzene	0.079			Y			4
LB-14-5-5.5	17B0503-34	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.075	0.13	4
LB-14-5-5.5	17B0503-34	2,2-Dichloropropane		U		Y	0.0012	0.0026	4
LB-14-5-5.5	17B0503-34	2-Chlorotoluene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	2-Hexanone		U		Y	0.014	0.026	4
LB-14-5-5.5	17B0503-34	2-Methoxy-2-Methylbutane		U		Y	0.00092	0.0013	4
LB-14-5-5.5	17B0503-34	4-Chlorotoluene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Acetone	0.18			Y	0.031	0.13	4
LB-14-5-5.5	17B0503-34	Acrylonitrile		U		Y	0.0033	0.0079	4
LB-14-5-5.5	17B0503-34	Benzene	0.0041			Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	Bromobenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Bromochloromethane		U		Y	0.0018	0.0026	4
LB-14-5-5.5	17B0503-34	Bromodichloromethane		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	Bromoform		U		Y	0.0018	0.0026	4
LB-14-5-5.5	17B0503-34	Bromomethane		U		Y	0.0055	0.013	4
LB-14-5-5.5	17B0503-34	Carbon Disulfide		U		Y	0.0056	0.0079	4
LB-14-5-5.5	17B0503-34	Carbon Tetrachloride		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Chlorobenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	Chlorobenzene-D5	0.079			Y			4
LB-14-5-5.5	17B0503-34	Chloroethane		U		Y	0.002	0.026	4
LB-14-5-5.5	17B0503-34	Chloroform		U		Y	0.00092	0.0052	4
LB-14-5-5.5	17B0503-34	Chloromethane		U		Y	0.0084	0.013	4
LB-14-5-5.5	17B0503-34	Cis-1,2-Dichloroethylene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Cis-1,3-Dichloropropene		U		Y	0.00092	0.0013	4
LB-14-5-5.5	17B0503-34	Cymene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Dibromochloromethane		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	Dibromomethane		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	Dichlorodifluoromethane		U		Y	0.0017	0.026	4
LB-14-5-5.5	17B0503-34	Diethyl Ether (Ethyl Ether)		U		Y	0.0024	0.026	4
LB-14-5-5.5	17B0503-34	Ethyl Tert-Butyl Ether		U		Y	0.00079	0.0013	4
LB-14-5-5.5	17B0503-34	Ethylbenzene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Hexachlorobutadiene		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	Isopropyl Ether		U		Y	0.00079	0.0013	4
LB-14-5-5.5	17B0503-34	Isopropylbenzene (Cumene)		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	m,p-Xylene		U		Y	0.0022	0.0052	4
LB-14-5-5.5	17B0503-34	Methyl Acetate		U		Y	0.0021	0.0026	4
LB-14-5-5.5	17B0503-34	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.023	0.052	4
LB-14-5-5.5	17B0503-34	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0099	0.026	4
LB-14-5-5.5	17B0503-34	Methylcyclohexane	0.01			Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	Methylene Chloride		U		Y	0.0093	0.026	4
LB-14-5-5.5	17B0503-34	Naphthalene		U		Y	0.00092	0.0052	4
LB-14-5-5.5	17B0503-34	N-Butylbenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	N-Propylbenzene		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00092	0.0026	4
LB-14-5-5.5	17B0503-34	p-Bromofluorobenzene	99.6			Y			4
LB-14-5-5.5	17B0503-34	Pentafluorobenzene	0.079			Y			4
LB-14-5-5.5	17B0503-34	Sec-Butylbenzene		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	Styrene		U		Y	0.00079	0.0026	4
LB-14-5-5.5	17B0503-34	T-Butylbenzene		U		Y	0.0012	0.0026	4
LB-14-5-5.5	17B0503-34	Tert-Butyl Alcohol		U	UJ	Y	0.027	0.052	4
LB-14-5-5.5	17B0503-34	Tert-Butyl Methyl Ether		U		Y	0.0012	0.0052	4
LB-14-5-5.5	17B0503-34	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0026	4
LB-14-5-5.5	17B0503-34	Tetrahydrofuran		U		Y	0.0029	0.013	4
LB-14-5-5.5	17B0503-34	Toluene		U		Y	0.001	0.0026	4
LB-14-5-5.5	17B0503-34	Toluene-D8	99.6			Y			4
LB-14-5-5.5	17B0503-34	Trans-1,2-Dichloroethene		U		Y	0.0012	0.0026	4
LB-14-5-5.5	17B0503-34	Trans-1,3-Dichloropropene		U		Y	0.00092	0.0013	4
LB-14-5-5.5	17B0503-34	Trans-1,4-Dichloro-2-Butene		U		Y	0.0027	0.0052	4
LB-14-5-5.5	17B0503-34	Trichloroethylene (TCE)		U		Y	0.0013	0.0026	4
LB-14-5-5.5	17B0503-34	Trichlorofluoromethane		U		Y	0.0014	0.013	4
LB-14-5-5.5	17B0503-34	Vinyl Chloride		U		Y	0.0014	0.013	4
LB-14-10-10.5	17B0503-35	1,1,1,2-Tetrachloroethane		U		Y	0.0023	0.0026	4
LB-14-10-10.5	17B0503-35	1,1,1-Trichloroethane		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	1,1,2,2-Tetrachloroethane		U		Y	0.0011	0.0013	4
LB-14-10-10.5	17B0503-35	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0011	0.013	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-10-10.5	17B0503-35	1,1,2-Trichloroethane	0.0026			Y	0.0015	0.0026	4
LB-14-10-10.5	17B0503-35	1,1-Dichloroethane		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	1,1-Dichloroethene		U		Y	0.0014	0.0051	4
LB-14-10-10.5	17B0503-35	1,1-Dichloropropene		U		Y	0.0011	0.0026	4
LB-14-10-10.5	17B0503-35	1,2,3-Trichlorobenzene		U		Y	0.00077	0.0026	4
LB-14-10-10.5	17B0503-35	1,2,3-Trichloropropane		U		Y	0.0014	0.0026	4
LB-14-10-10.5	17B0503-35	1,2,4-Trichlorobenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	1,2,4-Trimethylbenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0051	4
LB-14-10-10.5	17B0503-35	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	1,2-Dichlorobenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	1,2-Dichloroethane		U		Y	0.0017	0.0026	4
LB-14-10-10.5	17B0503-35	1,2-Dichloroethane-D4	96.3			Y			4
LB-14-10-10.5	17B0503-35	1,2-Dichloropropane		U		Y	0.0017	0.0026	4
LB-14-10-10.5	17B0503-35	1,3,5-Trichlorobenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00077	0.0026	4
LB-14-10-10.5	17B0503-35	1,3-Dichlorobenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	1,3-Dichloropropane		U		Y	0.00089	0.0013	4
LB-14-10-10.5	17B0503-35	1,4-Dichlorobenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	1,4-Dichlorobenzene-D4	0.077			Y			4
LB-14-10-10.5	17B0503-35	1,4-Difluorobenzene	0.077			Y			4
LB-14-10-10.5	17B0503-35	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.074	0.13	4
LB-14-10-10.5	17B0503-35	2,2-Dichloropropane		U		Y	0.0011	0.0026	4
LB-14-10-10.5	17B0503-35	2-Chlorotoluene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	2-Hexanone		U		Y	0.014	0.026	4
LB-14-10-10.5	17B0503-35	2-Methoxy-2-Methylbutane		U		Y	0.00089	0.0013	4
LB-14-10-10.5	17B0503-35	4-Chlorotoluene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Acetone		U		Y	0.03	0.13	4
LB-14-10-10.5	17B0503-35	Acrylonitrile		U		Y	0.0032	0.0077	4
LB-14-10-10.5	17B0503-35	Benzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	Bromobenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Bromochloromethane		U		Y	0.0018	0.0026	4
LB-14-10-10.5	17B0503-35	Bromodichloromethane		U		Y	0.00077	0.0026	4
LB-14-10-10.5	17B0503-35	Bromoform		U		Y	0.0018	0.0026	4
LB-14-10-10.5	17B0503-35	Bromomethane		U		Y	0.0054	0.013	4
LB-14-10-10.5	17B0503-35	Carbon Disulfide		U		Y	0.0055	0.0077	4
LB-14-10-10.5	17B0503-35	Carbon Tetrachloride		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Chlorobenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	Chlorobenzene-D5	0.077			Y			4
LB-14-10-10.5	17B0503-35	Chloroethane		U		Y	0.0019	0.026	4
LB-14-10-10.5	17B0503-35	Chloroform		U		Y	0.00089	0.0051	4
LB-14-10-10.5	17B0503-35	Chloromethane		U		Y	0.0082	0.013	4
LB-14-10-10.5	17B0503-35	Cis-1,2-Dichloroethylene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Cis-1,3-Dichloropropene		U		Y	0.00089	0.0013	4
LB-14-10-10.5	17B0503-35	Cymene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Dibromochloromethane		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	Dibromomethane		U		Y	0.00077	0.0026	4
LB-14-10-10.5	17B0503-35	Dichlorodifluoromethane		U		Y	0.0017	0.026	4
LB-14-10-10.5	17B0503-35	Diethyl Ether (Ethyl Ether)		U		Y	0.0023	0.026	4
LB-14-10-10.5	17B0503-35	Ethyl Tert-Butyl Ether		U		Y	0.00077	0.0013	4
LB-14-10-10.5	17B0503-35	Ethylbenzene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Hexachlorobutadiene		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	Isopropyl Ether		U		Y	0.00077	0.0013	4
LB-14-10-10.5	17B0503-35	Isopropylbenzene (Cumene)		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	m,p-Xylene		U		Y	0.0022	0.0051	4
LB-14-10-10.5	17B0503-35	Methyl Acetate	0.003		J	Y	0.002	0.0026	4
LB-14-10-10.5	17B0503-35	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.022	0.051	4
LB-14-10-10.5	17B0503-35	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0097	0.026	4
LB-14-10-10.5	17B0503-35	Methylcyclohexane	0.01			Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	Methylene Chloride		U		Y	0.0091	0.026	4
LB-14-10-10.5	17B0503-35	Naphthalene		U		Y	0.00089	0.0051	4
LB-14-10-10.5	17B0503-35	N-Butylbenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	N-Propylbenzene		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00089	0.0026	4
LB-14-10-10.5	17B0503-35	p-Bromofluorobenzene	95.5			Y			4
LB-14-10-10.5	17B0503-35	Pentafluorobenzene	0.077			Y			4
LB-14-10-10.5	17B0503-35	Sec-Butylbenzene		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	Styrene		U		Y	0.00077	0.0026	4

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LB-14-10-10.5	17B0503-35	T-Butylbenzene		U		Y	0.0011	0.0026	4
LB-14-10-10.5	17B0503-35	Tert-Butyl Alcohol		U	UJ	Y	0.027	0.051	4
LB-14-10-10.5	17B0503-35	Tert-Butyl Methyl Ether		U		Y	0.0011	0.0051	4
LB-14-10-10.5	17B0503-35	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0026	4
LB-14-10-10.5	17B0503-35	Tetrahydrofuran		U		Y	0.0028	0.013	4
LB-14-10-10.5	17B0503-35	Toluene		U		Y	0.001	0.0026	4
LB-14-10-10.5	17B0503-35	Toluene-D8	102			Y			4
LB-14-10-10.5	17B0503-35	Trans-1,2-Dichloroethene		U		Y	0.0011	0.0026	4
LB-14-10-10.5	17B0503-35	Trans-1,3-Dichloropropene		U		Y	0.00089	0.0013	4
LB-14-10-10.5	17B0503-35	Trans-1,4-Dichloro-2-Butene		U		Y	0.0027	0.0051	4
LB-14-10-10.5	17B0503-35	Trichloroethylene (TCE)		U		Y	0.0013	0.0026	4
LB-14-10-10.5	17B0503-35	Trichlorofluoromethane		U		Y	0.0014	0.013	4
LB-14-10-10.5	17B0503-35	Vinyl Chloride		U		Y	0.0014	0.013	4
LB-15-3.5-4	17B0503-36	1,1,1,2-Tetrachloroethane		U		Y	0.0024	0.0027	4
LB-15-3.5-4	17B0503-36	1,1,1-Trichloroethane		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	1,1,2,2-Tetrachloroethane		U		Y	0.0012	0.0013	4
LB-15-3.5-4	17B0503-36	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0012	0.013	4
LB-15-3.5-4	17B0503-36	1,1,2-Trichloroethane		U		Y	0.0016	0.0027	4
LB-15-3.5-4	17B0503-36	1,1-Dichloroethane	0.0028			Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	1,1-Dichloroethene		U		Y	0.0015	0.0053	4
LB-15-3.5-4	17B0503-36	1,1-Dichloropropene		U		Y	0.0012	0.0027	4
LB-15-3.5-4	17B0503-36	1,2,3-Trichlorobenzene		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	1,2,3-Trichloropropane		U		Y	0.0015	0.0027	4
LB-15-3.5-4	17B0503-36	1,2,4-Trichlorobenzene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	1,2,4-Trimethylbenzene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	1,2-Dibromo-3-Chloropropane		U		Y	0.0015	0.0053	4
LB-15-3.5-4	17B0503-36	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	1,2-Dichlorobenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	1,2-Dichloroethane		U		Y	0.0017	0.0027	4
LB-15-3.5-4	17B0503-36	1,2-Dichloroethane-D4	102			Y			4
LB-15-3.5-4	17B0503-36	1,2-Dichloropropane		U		Y	0.0017	0.0027	4
LB-15-3.5-4	17B0503-36	1,3,5-Trichlorobenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	1,3-Dichlorobenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	1,3-Dichloropropane		U		Y	0.00093	0.0013	4
LB-15-3.5-4	17B0503-36	1,4-Dichlorobenzene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	1,4-Dichlorobenzene-D4	0.08			Y			4
LB-15-3.5-4	17B0503-36	1,4-Difluorobenzene	0.08			Y			4
LB-15-3.5-4	17B0503-36	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.076	0.13	4
LB-15-3.5-4	17B0503-36	2,2-Dichloropropane		U		Y	0.0012	0.0027	4
LB-15-3.5-4	17B0503-36	2-Chlorotoluene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	2-Hexanone		U		Y	0.014	0.027	4
LB-15-3.5-4	17B0503-36	2-Methoxy-2-Methylbutane		U		Y	0.00093	0.0013	4
LB-15-3.5-4	17B0503-36	4-Chlorotoluene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Acetone	0.19			Y	0.031	0.13	4
LB-15-3.5-4	17B0503-36	Acrylonitrile		U		Y	0.0033	0.008	4
LB-15-3.5-4	17B0503-36	Benzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	Bromobenzene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Bromochloromethane		U		Y	0.0019	0.0027	4
LB-15-3.5-4	17B0503-36	Bromodichloromethane		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	Bromoform		U		Y	0.0019	0.0027	4
LB-15-3.5-4	17B0503-36	Bromomethane		U		Y	0.0056	0.013	4
LB-15-3.5-4	17B0503-36	Carbon Disulfide		U		Y	0.0057	0.008	4
LB-15-3.5-4	17B0503-36	Carbon Tetrachloride		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Chlorobenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	Chlorobenzene-D5	0.08			Y			4
LB-15-3.5-4	17B0503-36	Chloroethane		U		Y	0.002	0.027	4
LB-15-3.5-4	17B0503-36	Chloroform		U		Y	0.00093	0.0053	4
LB-15-3.5-4	17B0503-36	Chloromethane		U		Y	0.0085	0.013	4
LB-15-3.5-4	17B0503-36	Cis-1,2-Dichloroethylene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Cis-1,3-Dichloropropene		U		Y	0.00093	0.0013	4
LB-15-3.5-4	17B0503-36	Cymene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Dibromochloromethane		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	Dibromomethane		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	Dichlorodifluoromethane		U		Y	0.0017	0.027	4
LB-15-3.5-4	17B0503-36	Diethyl Ether (Ethyl Ether)		U		Y	0.0024	0.027	4
LB-15-3.5-4	17B0503-36	Ethyl Tert-Butyl Ether		U		Y	0.0008	0.0013	4
LB-15-3.5-4	17B0503-36	Ethylbenzene		U		Y	0.0011	0.0027	4

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LB-15-3.5-4	17B0503-36	Hexachlorobutadiene		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	Isopropyl Ether		U		Y	0.0008	0.0013	4
LB-15-3.5-4	17B0503-36	Isopropylbenzene (Cumene)		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	m,p-Xylene		U		Y	0.0023	0.0053	4
LB-15-3.5-4	17B0503-36	Methyl Acetate		U		Y	0.0021	0.0027	4
LB-15-3.5-4	17B0503-36	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.023	0.053	4
LB-15-3.5-4	17B0503-36	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.01	0.027	4
LB-15-3.5-4	17B0503-36	Methylcyclohexane		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	Methylene Chloride		U		Y	0.0094	0.027	4
LB-15-3.5-4	17B0503-36	Naphthalene		U		Y	0.00093	0.0053	4
LB-15-3.5-4	17B0503-36	N-Butylbenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	N-Propylbenzene		U		Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	O-Xylene (1,2-Dimethylbenzene)	0.0027			Y	0.00093	0.0027	4
LB-15-3.5-4	17B0503-36	p-Bromofluorobenzene	99.2			Y			4
LB-15-3.5-4	17B0503-36	Pentafluorobenzene	0.08			Y			4
LB-15-3.5-4	17B0503-36	Sec-Butylbenzene		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	Styrene		U		Y	0.0008	0.0027	4
LB-15-3.5-4	17B0503-36	T-Butylbenzene		U		Y	0.0012	0.0027	4
LB-15-3.5-4	17B0503-36	Tert-Butyl Alcohol		U	UJ	Y	0.028	0.053	4
LB-15-3.5-4	17B0503-36	Tert-Butyl Methyl Ether		U		Y	0.0012	0.0053	4
LB-15-3.5-4	17B0503-36	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0027	4
LB-15-3.5-4	17B0503-36	Tetrahydrofuran		U		Y	0.0029	0.013	4
LB-15-3.5-4	17B0503-36	Toluene		U		Y	0.0011	0.0027	4
LB-15-3.5-4	17B0503-36	Toluene-D8	102			Y			4
LB-15-3.5-4	17B0503-36	Trans-1,2-Dichloroethene		U		Y	0.0012	0.0027	4
LB-15-3.5-4	17B0503-36	Trans-1,3-Dichloropropene		U		Y	0.00093	0.0013	4
LB-15-3.5-4	17B0503-36	Trans-1,4-Dichloro-2-Butene		U		Y	0.0028	0.0053	4
LB-15-3.5-4	17B0503-36	Trichloroethylene (TCE)		U		Y	0.0013	0.0027	4
LB-15-3.5-4	17B0503-36	Trichlorofluoromethane		U		Y	0.0015	0.013	4
LB-15-3.5-4	17B0503-36	Vinyl Chloride		U		Y	0.0015	0.013	4
LB-15-5-5.5	17B0503-37	1,1,1,2-Tetrachloroethane		U		Y	0.01	0.087	4
LB-15-5-5.5	17B0503-37	1,1,1-Trichloroethane		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	1,1,2,2-Tetrachloroethane		U		Y	0.014	0.043	4
LB-15-5-5.5	17B0503-37	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.017	0.087	4
LB-15-5-5.5	17B0503-37	1,1,2-Trichloroethane		U		Y	0.02	0.087	4
LB-15-5-5.5	17B0503-37	1,1-Dichloroethane		U		Y	0.014	0.087	4
LB-15-5-5.5	17B0503-37	1,1-Dichloroethene		U		Y	0.018	0.087	4
LB-15-5-5.5	17B0503-37	1,1-Dichloropropene		U		Y	0.011	0.17	4
LB-15-5-5.5	17B0503-37	1,2,3-Trichlorobenzene		U		Y	0.012	0.43	4
LB-15-5-5.5	17B0503-37	1,2,3-Trichloropropane		U		Y	0.019	0.17	4
LB-15-5-5.5	17B0503-37	1,2,4-Trichlorobenzene		U		Y	0.016	0.087	4
LB-15-5-5.5	17B0503-37	1,2,4-Trimethylbenzene		U		Y	0.016	0.087	4
LB-15-5-5.5	17B0503-37	1,2-Dibromo-3-Chloropropane		U		Y	0.032	0.43	4
LB-15-5-5.5	17B0503-37	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.013	0.043	4
LB-15-5-5.5	17B0503-37	1,2-Dichlorobenzene		U		Y	0.015	0.087	4
LB-15-5-5.5	17B0503-37	1,2-Dichloroethane		U		Y	0.017	0.087	4
LB-15-5-5.5	17B0503-37	1,2-Dichloroethane-D4	98.7			Y			4
LB-15-5-5.5	17B0503-37	1,2-Dichloropropane		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	1,3,5-Trichlorobenzene		U		Y	0.015	0.087	4
LB-15-5-5.5	17B0503-37	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	1,3-Dichlorobenzene		U		Y	0.015	0.087	4
LB-15-5-5.5	17B0503-37	1,3-Dichloropropane		U		Y	0.011	0.043	4
LB-15-5-5.5	17B0503-37	1,4-Dichlorobenzene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	1,4-Dichlorobenzene-D4	30			Y			4
LB-15-5-5.5	17B0503-37	1,4-Difluorobenzene	30			Y			4
LB-15-5-5.5	17B0503-37	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2.3	4.3	4
LB-15-5-5.5	17B0503-37	2,2-Dichloropropane		U		Y	0.018	0.087	4
LB-15-5-5.5	17B0503-37	2-Chlorotoluene		U		Y	0.01	0.087	4
LB-15-5-5.5	17B0503-37	2-Hexanone		U	UJ	Y	0.13	0.87	4
LB-15-5-5.5	17B0503-37	2-Methoxy-2-Methylbutane		U		Y	0.0092	0.043	4
LB-15-5-5.5	17B0503-37	4-Chlorotoluene		U		Y	0.012	0.087	4
LB-15-5-5.5	17B0503-37	Acetone		U		Y	0.42	4.3	4
LB-15-5-5.5	17B0503-37	Acrylonitrile		U		Y	0.05	0.43	4
LB-15-5-5.5	17B0503-37	Benzene		U		Y	0.01	0.087	4
LB-15-5-5.5	17B0503-37	Bromobenzene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	Bromochloromethane		U		Y	0.019	0.087	4
LB-15-5-5.5	17B0503-37	Bromodichloromethane		U		Y	0.026	0.087	4
LB-15-5-5.5	17B0503-37	Bromoform		U		Y	0.018	0.17	4

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LB-15-5-5.5	17B0503-37	Bromomethane		U		Y	0.082	0.17	4
LB-15-5-5.5	17B0503-37	Carbon Disulfide		U		Y	0.089	0.26	4
LB-15-5-5.5	17B0503-37	Carbon Tetrachloride		U		Y	0.021	0.087	4
LB-15-5-5.5	17B0503-37	Chlorobenzene		U		Y	0.014	0.087	4
LB-15-5-5.5	17B0503-37	Chlorobenzene-D5	30			Y			4
LB-15-5-5.5	17B0503-37	Chloroethane		U		Y	0.024	0.17	4
LB-15-5-5.5	17B0503-37	Chloroform		U		Y	0.019	0.17	4
LB-15-5-5.5	17B0503-37	Chloromethane		U	UJ	Y	0.048	0.17	4
LB-15-5-5.5	17B0503-37	Cis-1,2-Dichloroethylene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	Cis-1,3-Dichloropropene		U		Y	0.01	0.043	4
LB-15-5-5.5	17B0503-37	Cymene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	Dibromochloromethane		U		Y	0.009	0.043	4
LB-15-5-5.5	17B0503-37	Dibromomethane		U		Y	0.014	0.087	4
LB-15-5-5.5	17B0503-37	Dichlorodifluoromethane		U		Y	0.025	0.17	4
LB-15-5-5.5	17B0503-37	Diethyl Ether (Ethyl Ether)		U		Y	0.019	0.17	4
LB-15-5-5.5	17B0503-37	Ethyl Tert-Butyl Ether		U		Y	0.0082	0.043	4
LB-15-5-5.5	17B0503-37	Ethylbenzene		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	Hexachlorobutadiene		U		Y	0.051	0.087	4
LB-15-5-5.5	17B0503-37	Isopropyl Ether		U		Y	0.016	0.043	4
LB-15-5-5.5	17B0503-37	Isopropylbenzene (Cumene)		U		Y	0.01	0.087	4
LB-15-5-5.5	17B0503-37	m,p-Xylene		U		Y	0.022	0.17	4
LB-15-5-5.5	17B0503-37	Methyl Acetate		U	UJ	Y	0.036	0.87	4
LB-15-5-5.5	17B0503-37	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.21	1.7	4
LB-15-5-5.5	17B0503-37	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.13	0.87	4
LB-15-5-5.5	17B0503-37	Methylcyclohexane		U		Y	0.055	0.087	4
LB-15-5-5.5	17B0503-37	Methylene Chloride		U		Y	0.28	0.43	4
LB-15-5-5.5	17B0503-37	Naphthalene		U		Y	0.01	0.17	4
LB-15-5-5.5	17B0503-37	N-Butylbenzene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	N-Propylbenzene		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	p-Bromofluorobenzene	95.4			Y			4
LB-15-5-5.5	17B0503-37	Pentafluorobenzene	30			Y			4
LB-15-5-5.5	17B0503-37	Sec-Butylbenzene		U		Y	0.011	0.087	4
LB-15-5-5.5	17B0503-37	Styrene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	T-Butylbenzene		U		Y	0.01	0.087	4
LB-15-5-5.5	17B0503-37	Tert-Butyl Alcohol		U		Y	0.19	1.7	4
LB-15-5-5.5	17B0503-37	Tert-Butyl Methyl Ether		U		Y	0.0078	0.087	4
LB-15-5-5.5	17B0503-37	Tetrachloroethylene (PCE)		U		Y	0.024	0.087	4
LB-15-5-5.5	17B0503-37	Tetrahydrofuran		U		Y	0.093	0.87	4
LB-15-5-5.5	17B0503-37	Toluene		U		Y	0.015	0.087	4
LB-15-5-5.5	17B0503-37	Toluene-D8	99.3			Y			4
LB-15-5-5.5	17B0503-37	Trans-1,2-Dichloroethene		U		Y	0.013	0.087	4
LB-15-5-5.5	17B0503-37	Trans-1,3-Dichloropropene		U		Y	0.0097	0.043	4
LB-15-5-5.5	17B0503-37	Trans-1,4-Dichloro-2-Butene		U		Y	0.027	0.17	4
LB-15-5-5.5	17B0503-37	Trichloroethylene (TCE)		U		Y	0.017	0.087	4
LB-15-5-5.5	17B0503-37	Trichlorofluoromethane		U		Y	0.013	0.17	4
LB-15-5-5.5	17B0503-37	Vinyl Chloride		U		Y	0.012	0.17	4
LB-18-0-2	17B0503-38	1,1,1,2-Tetrachloroethane		U		Y	0.0018	0.002	4
LB-18-0-2	17B0503-38	1,1,1-Trichloroethane		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	1,1,2,2-Tetrachloroethane		U		Y	0.00091	0.001	4
LB-18-0-2	17B0503-38	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.00091	0.01	4
LB-18-0-2	17B0503-38	1,1,2-Trichloroethane		U		Y	0.0012	0.002	4
LB-18-0-2	17B0503-38	1,1-Dichloroethane		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	1,1-Dichloroethene		U		Y	0.0011	0.004	4
LB-18-0-2	17B0503-38	1,1-Dichloropropene		U		Y	0.00091	0.002	4
LB-18-0-2	17B0503-38	1,2,3-Trichlorobenzene		U		Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	1,2,3-Trichloropropane		U		Y	0.0011	0.002	4
LB-18-0-2	17B0503-38	1,2,4-Trichlorobenzene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	1,2,4-Trimethylbenzene	0.0055			Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	1,2-Dibromo-3-Chloropropane		U		Y	0.0011	0.004	4
LB-18-0-2	17B0503-38	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	1,2-Dichlorobenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	1,2-Dichloroethane		U		Y	0.0013	0.002	4
LB-18-0-2	17B0503-38	1,2-Dichloroethane-D4	103			Y			4
LB-18-0-2	17B0503-38	1,2-Dichloropropane		U		Y	0.0013	0.002	4
LB-18-0-2	17B0503-38	1,3,5-Trichlorobenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	1,3,5-Trimethylbenzene (Mesitylene)	0.0022			Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	1,3-Dichlorobenzene		U		Y	0.00071	0.002	4

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LB-18-0-2	17B0503-38	1,3-Dichloropropane		U		Y	0.00071	0.001	4
LB-18-0-2	17B0503-38	1,4-Dichlorobenzene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	1,4-Dichlorobenzene-D4	0.061			Y			4
LB-18-0-2	17B0503-38	1,4-Difluorobenzene	0.061			Y			4
LB-18-0-2	17B0503-38	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.058	0.1	4
LB-18-0-2	17B0503-38	2,2-Dichloropropane		U		Y	0.00091	0.002	4
LB-18-0-2	17B0503-38	2-Chlorotoluene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	2-Hexanone		U		Y	0.011	0.02	4
LB-18-0-2	17B0503-38	2-Methoxy-2-Methylbutane		U		Y	0.00071	0.001	4
LB-18-0-2	17B0503-38	4-Chlorotoluene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Acetone		U		Y	0.024	0.1	4
LB-18-0-2	17B0503-38	Acrylonitrile		U		Y	0.0025	0.0061	4
LB-18-0-2	17B0503-38	Benzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	Bromobenzene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Bromochloromethane		U		Y	0.0014	0.002	4
LB-18-0-2	17B0503-38	Bromodichloromethane		U		Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	Bromoform		U		Y	0.0014	0.002	4
LB-18-0-2	17B0503-38	Bromomethane		U		Y	0.0042	0.01	4
LB-18-0-2	17B0503-38	Carbon Disulfide		U		Y	0.0044	0.0061	4
LB-18-0-2	17B0503-38	Carbon Tetrachloride		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Chlorobenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	Chlorobenzene-D5	0.061			Y			4
LB-18-0-2	17B0503-38	Chloroethane		U		Y	0.0015	0.02	4
LB-18-0-2	17B0503-38	Chloroform		U		Y	0.00071	0.004	4
LB-18-0-2	17B0503-38	Chloromethane		U		Y	0.0065	0.01	4
LB-18-0-2	17B0503-38	Cis-1,2-Dichloroethylene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Cis-1,3-Dichloropropene		U		Y	0.00071	0.001	4
LB-18-0-2	17B0503-38	Cymene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Dibromochloromethane		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	Dibromomethane		U		Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
LB-18-0-2	17B0503-38	Diethyl Ether (Ethyl Ether)		U		Y	0.0018	0.02	4
LB-18-0-2	17B0503-38	Ethyl Tert-Butyl Ether		U		Y	0.00061	0.001	4
LB-18-0-2	17B0503-38	Ethylbenzene		U		Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Hexachlorobutadiene		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	Isopropyl Ether		U		Y	0.00061	0.001	4
LB-18-0-2	17B0503-38	Isopropylbenzene (Cumene)	0.0025			Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	m,p-Xylene	0.0061			Y	0.0017	0.004	4
LB-18-0-2	17B0503-38	Methyl Acetate		U		Y	0.0016	0.002	4
LB-18-0-2	17B0503-38	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.018	0.04	4
LB-18-0-2	17B0503-38	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0077	0.02	4
LB-18-0-2	17B0503-38	Methylcyclohexane	0.0041			Y	0.001	0.002	4
LB-18-0-2	17B0503-38	Methylene Chloride		U		Y	0.0072	0.02	4
LB-18-0-2	17B0503-38	Naphthalene	0.057			Y	0.00071	0.004	4
LB-18-0-2	17B0503-38	N-Butylbenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	N-Propylbenzene		U		Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	O-Xylene (1,2-Dimethylbenzene)	0.0025			Y	0.00071	0.002	4
LB-18-0-2	17B0503-38	p-Bromofluorobenzene	103			Y			4
LB-18-0-2	17B0503-38	Pentafluorobenzene	0.061			Y			4
LB-18-0-2	17B0503-38	Sec-Butylbenzene		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	Styrene		U		Y	0.00061	0.002	4
LB-18-0-2	17B0503-38	T-Butylbenzene		U		Y	0.00091	0.002	4
LB-18-0-2	17B0503-38	Tert-Butyl Alcohol		U	UJ	Y	0.021	0.04	4
LB-18-0-2	17B0503-38	Tert-Butyl Methyl Ether		U		Y	0.00091	0.004	4
LB-18-0-2	17B0503-38	Tetrachloroethylene (PCE)		U		Y	0.0013	0.002	4
LB-18-0-2	17B0503-38	Tetrahydrofuran		U		Y	0.0022	0.01	4
LB-18-0-2	17B0503-38	Toluene	0.0032			Y	0.00081	0.002	4
LB-18-0-2	17B0503-38	Toluene-D8	101			Y			4
LB-18-0-2	17B0503-38	Trans-1,2-Dichloroethene		U		Y	0.00091	0.002	4
LB-18-0-2	17B0503-38	Trans-1,3-Dichloropropene		U		Y	0.00071	0.001	4
LB-18-0-2	17B0503-38	Trans-1,4-Dichloro-2-Butene		U		Y	0.0021	0.004	4
LB-18-0-2	17B0503-38	Trichloroethylene (TCE)		U		Y	0.001	0.002	4
LB-18-0-2	17B0503-38	Trichlorofluoromethane		U		Y	0.0011	0.01	4
LB-18-0-2	17B0503-38	Vinyl Chloride		U		Y	0.0011	0.01	4
LB-26-1.3-1.8	17B0503-39	1,1,1,2-Tetrachloroethane		U		Y	0.0085	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1,1-Trichloroethane		U		Y	0.0094	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1,2,2-Tetrachloroethane		U		Y	0.011	0.036	4
LB-26-1.3-1.8	17B0503-39	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.014	0.072	4

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LB-26-1.3-1.8	17B0503-39	1,1,2-Trichloroethane		U		Y	0.017	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1-Dichloroethane		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1-Dichloroethene		U		Y	0.015	0.072	4
LB-26-1.3-1.8	17B0503-39	1,1-Dichloropropene		U		Y	0.0092	0.14	4
LB-26-1.3-1.8	17B0503-39	1,2,3-Trichlorobenzene		U		Y	0.01	0.36	4
LB-26-1.3-1.8	17B0503-39	1,2,3-Trichloropropane		U		Y	0.015	0.14	4
LB-26-1.3-1.8	17B0503-39	1,2,4-Trichlorobenzene		U		Y	0.014	0.072	4
LB-26-1.3-1.8	17B0503-39	1,2,4-Trimethylbenzene	0.078			Y	0.013	0.072	4
LB-26-1.3-1.8	17B0503-39	1,2-Dibromo-3-Chloropropane		U		Y	0.027	0.36	4
LB-26-1.3-1.8	17B0503-39	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.011	0.036	4
LB-26-1.3-1.8	17B0503-39	1,2-Dichlorobenzene		U		Y	0.012	0.072	4
LB-26-1.3-1.8	17B0503-39	1,2-Dichloroethane		U		Y	0.014	0.072	4
LB-26-1.3-1.8	17B0503-39	1,2-Dichloroethane-D4	93.5			Y			4
LB-26-1.3-1.8	17B0503-39	1,2-Dichloropropane		U		Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	1,3,5-Trichlorobenzene		U		Y	0.012	0.072	4
LB-26-1.3-1.8	17B0503-39	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	1,3-Dichlorobenzene		U		Y	0.012	0.072	4
LB-26-1.3-1.8	17B0503-39	1,3-Dichloropropane		U		Y	0.0093	0.036	4
LB-26-1.3-1.8	17B0503-39	1,4-Dichlorobenzene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	1,4-Dichlorobenzene-D4	30			Y			4
LB-26-1.3-1.8	17B0503-39	1,4-Difluorobenzene	30			Y			4
LB-26-1.3-1.8	17B0503-39	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.9	3.6	4
LB-26-1.3-1.8	17B0503-39	2,2-Dichloropropane		U		Y	0.015	0.072	4
LB-26-1.3-1.8	17B0503-39	2-Chlorotoluene		U		Y	0.0086	0.072	4
LB-26-1.3-1.8	17B0503-39	2-Hexanone		U	UJ	Y	0.11	0.72	4
LB-26-1.3-1.8	17B0503-39	2-Methoxy-2-Methylbutane		U		Y	0.0076	0.036	4
LB-26-1.3-1.8	17B0503-39	4-Chlorotoluene		U		Y	0.01	0.072	4
LB-26-1.3-1.8	17B0503-39	Acetone		U		Y	0.35	3.6	4
LB-26-1.3-1.8	17B0503-39	Acrylonitrile		U		Y	0.042	0.36	4
LB-26-1.3-1.8	17B0503-39	Benzene		U		Y	0.0086	0.072	4
LB-26-1.3-1.8	17B0503-39	Bromobenzene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Bromochloromethane		U		Y	0.016	0.072	4
LB-26-1.3-1.8	17B0503-39	Bromodichloromethane		U		Y	0.021	0.072	4
LB-26-1.3-1.8	17B0503-39	Bromoform		U		Y	0.015	0.14	4
LB-26-1.3-1.8	17B0503-39	Bromomethane		U		Y	0.068	0.14	4
LB-26-1.3-1.8	17B0503-39	Carbon Disulfide		U		Y	0.073	0.22	4
LB-26-1.3-1.8	17B0503-39	Carbon Tetrachloride		U		Y	0.018	0.072	4
LB-26-1.3-1.8	17B0503-39	Chlorobenzene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Chlorobenzene-D5	30			Y			4
LB-26-1.3-1.8	17B0503-39	Chloroethane		U		Y	0.02	0.14	4
LB-26-1.3-1.8	17B0503-39	Chloroform		U		Y	0.016	0.14	4
LB-26-1.3-1.8	17B0503-39	Chloromethane		U	UJ	Y	0.04	0.14	4
LB-26-1.3-1.8	17B0503-39	Cis-1,2-Dichloroethylene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Cis-1,3-Dichloropropene		U		Y	0.0086	0.036	4
LB-26-1.3-1.8	17B0503-39	Cymene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Dibromochloromethane		U		Y	0.0075	0.036	4
LB-26-1.3-1.8	17B0503-39	Dibromomethane		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Dichlorodifluoromethane		U		Y	0.02	0.14	4
LB-26-1.3-1.8	17B0503-39	Diethyl Ether (Ethyl Ether)		U		Y	0.016	0.14	4
LB-26-1.3-1.8	17B0503-39	Ethyl Tert-Butyl Ether		U		Y	0.0068	0.036	4
LB-26-1.3-1.8	17B0503-39	Ethylbenzene		U		Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	Hexachlorobutadiene		U		Y	0.042	0.072	4
LB-26-1.3-1.8	17B0503-39	Isopropyl Ether		U		Y	0.013	0.036	4
LB-26-1.3-1.8	17B0503-39	Isopropylbenzene (Cumene)		U		Y	0.0086	0.072	4
LB-26-1.3-1.8	17B0503-39	m,p-Xylene	0.14			Y	0.018	0.14	4
LB-26-1.3-1.8	17B0503-39	Methyl Acetate		U	UJ	Y	0.03	0.72	4
LB-26-1.3-1.8	17B0503-39	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.17	1.4	4
LB-26-1.3-1.8	17B0503-39	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.11	0.72	4
LB-26-1.3-1.8	17B0503-39	Methylcyclohexane		U		Y	0.045	0.072	4
LB-26-1.3-1.8	17B0503-39	Methylene Chloride		U		Y	0.23	0.36	4
LB-26-1.3-1.8	17B0503-39	Naphthalene	0.35			Y	0.0087	0.14	4
LB-26-1.3-1.8	17B0503-39	N-Butylbenzene	0.073			Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	N-Propylbenzene		U		Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0094	0.072	4
LB-26-1.3-1.8	17B0503-39	p-Bromofluorobenzene	106			Y			4
LB-26-1.3-1.8	17B0503-39	Pentafluorobenzene	30			Y			4
LB-26-1.3-1.8	17B0503-39	Sec-Butylbenzene	0.1			Y	0.0093	0.072	4
LB-26-1.3-1.8	17B0503-39	Styrene		U		Y	0.011	0.072	4

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LB-26-1.3-1.8	17B0503-39	T-Butylbenzene		U		Y	0.0087	0.072	4
LB-26-1.3-1.8	17B0503-39	Tert-Butyl Alcohol		U		Y	0.16	1.4	4
LB-26-1.3-1.8	17B0503-39	Tert-Butyl Methyl Ether		U		Y	0.0065	0.072	4
LB-26-1.3-1.8	17B0503-39	Tetrachloroethylene (PCE)		U		Y	0.02	0.072	4
LB-26-1.3-1.8	17B0503-39	Tetrahydrofuran		U		Y	0.077	0.72	4
LB-26-1.3-1.8	17B0503-39	Toluene		U		Y	0.012	0.072	4
LB-26-1.3-1.8	17B0503-39	Toluene-D8	99.5			Y			4
LB-26-1.3-1.8	17B0503-39	Trans-1,2-Dichloroethene		U		Y	0.011	0.072	4
LB-26-1.3-1.8	17B0503-39	Trans-1,3-Dichloropropene		U		Y	0.008	0.036	4
LB-26-1.3-1.8	17B0503-39	Trans-1,4-Dichloro-2-Butene		U		Y	0.022	0.14	4
LB-26-1.3-1.8	17B0503-39	Trichloroethylene (TCE)		U		Y	0.014	0.072	4
LB-26-1.3-1.8	17B0503-39	Trichlorofluoromethane		U		Y	0.011	0.14	4
LB-26-1.3-1.8	17B0503-39	Vinyl Chloride		U		Y	0.0096	0.14	4
LB-26-4.5-5	17B0503-40	1,1,1,2-Tetrachloroethane		U		Y	0.0022	0.0025	4
LB-26-4.5-5	17B0503-40	1,1,1-Trichloroethane		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	1,1,2,2-Tetrachloroethane		U		Y	0.0011	0.0012	4
LB-26-4.5-5	17B0503-40	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0011	0.012	4
LB-26-4.5-5	17B0503-40	1,1,2-Trichloroethane		U		Y	0.0015	0.0025	4
LB-26-4.5-5	17B0503-40	1,1-Dichloroethane		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	1,1-Dichloroethene		U		Y	0.0014	0.0049	4
LB-26-4.5-5	17B0503-40	1,1-Dichloropropene		U		Y	0.0011	0.0025	4
LB-26-4.5-5	17B0503-40	1,2,3-Trichlorobenzene		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	1,2,3-Trichloropropane		U		Y	0.0014	0.0025	4
LB-26-4.5-5	17B0503-40	1,2,4-Trichlorobenzene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	1,2,4-Trimethylbenzene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0049	4
LB-26-4.5-5	17B0503-40	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	1,2-Dichlorobenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	1,2-Dichloroethane		U		Y	0.0016	0.0025	4
LB-26-4.5-5	17B0503-40	1,2-Dichloroethane-D4	98.5			Y			4
LB-26-4.5-5	17B0503-40	1,2-Dichloropropane		U		Y	0.0016	0.0025	4
LB-26-4.5-5	17B0503-40	1,3,5-Trichlorobenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	1,3-Dichlorobenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	1,3-Dichloropropane		U		Y	0.00087	0.0012	4
LB-26-4.5-5	17B0503-40	1,4-Dichlorobenzene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	1,4-Dichlorobenzene-D4	0.074			Y			4
LB-26-4.5-5	17B0503-40	1,4-Difluorobenzene	0.074			Y			4
LB-26-4.5-5	17B0503-40	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.071	0.12	4
LB-26-4.5-5	17B0503-40	2,2-Dichloropropane		U		Y	0.0011	0.0025	4
LB-26-4.5-5	17B0503-40	2-Chlorotoluene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	2-Hexanone		U		Y	0.013	0.025	4
LB-26-4.5-5	17B0503-40	2-Methoxy-2-Methylbutane		U		Y	0.00087	0.0012	4
LB-26-4.5-5	17B0503-40	4-Chlorotoluene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Acetone	0.4			Y	0.029	0.12	4
LB-26-4.5-5	17B0503-40	Acrylonitrile		U		Y	0.0031	0.0074	4
LB-26-4.5-5	17B0503-40	Benzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	Bromobenzene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Bromochloromethane		U		Y	0.0017	0.0025	4
LB-26-4.5-5	17B0503-40	Bromodichloromethane		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	Bromoform		U		Y	0.0017	0.0025	4
LB-26-4.5-5	17B0503-40	Bromomethane		U		Y	0.0052	0.012	4
LB-26-4.5-5	17B0503-40	Carbon Disulfide		U		Y	0.0053	0.0074	4
LB-26-4.5-5	17B0503-40	Carbon Tetrachloride		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Chlorobenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	Chlorobenzene-D5	0.074			Y			4
LB-26-4.5-5	17B0503-40	Chloroethane		U		Y	0.0019	0.025	4
LB-26-4.5-5	17B0503-40	Chloroform		U		Y	0.00087	0.0049	4
LB-26-4.5-5	17B0503-40	Chloromethane		U		Y	0.0079	0.012	4
LB-26-4.5-5	17B0503-40	Cis-1,2-Dichloroethylene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Cis-1,3-Dichloropropene		U		Y	0.00087	0.0012	4
LB-26-4.5-5	17B0503-40	Cymene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Dibromochloromethane		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	Dibromomethane		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	Dichlorodifluoromethane		U		Y	0.0016	0.025	4
LB-26-4.5-5	17B0503-40	Diethyl Ether (Ethyl Ether)		U		Y	0.0022	0.025	4
LB-26-4.5-5	17B0503-40	Ethyl Tert-Butyl Ether		U		Y	0.00074	0.0012	4
LB-26-4.5-5	17B0503-40	Ethylbenzene		U		Y	0.00099	0.0025	4

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LB-26-4.5-5	17B0503-40	Hexachlorobutadiene		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	Isopropyl Ether		U		Y	0.00074	0.0012	4
LB-26-4.5-5	17B0503-40	Isopropylbenzene (Cumene)		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	m,p-Xylene		U		Y	0.0021	0.0049	4
LB-26-4.5-5	17B0503-40	Methyl Acetate		U		Y	0.002	0.0025	4
LB-26-4.5-5	17B0503-40	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.022	0.049	4
LB-26-4.5-5	17B0503-40	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0094	0.025	4
LB-26-4.5-5	17B0503-40	Methylcyclohexane		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	Methylene Chloride		U		Y	0.0088	0.025	4
LB-26-4.5-5	17B0503-40	Naphthalene	0.0095			Y	0.00087	0.0049	4
LB-26-4.5-5	17B0503-40	N-Butylbenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	N-Propylbenzene		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00087	0.0025	4
LB-26-4.5-5	17B0503-40	p-Bromofluorobenzene	95.9			Y			4
LB-26-4.5-5	17B0503-40	Pentafluorobenzene	0.074			Y			4
LB-26-4.5-5	17B0503-40	Sec-Butylbenzene	0.0036			Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	Styrene		U		Y	0.00074	0.0025	4
LB-26-4.5-5	17B0503-40	T-Butylbenzene		U		Y	0.0011	0.0025	4
LB-26-4.5-5	17B0503-40	Tert-Butyl Alcohol		U	UJ	Y	0.026	0.049	4
LB-26-4.5-5	17B0503-40	Tert-Butyl Methyl Ether		U		Y	0.0011	0.0049	4
LB-26-4.5-5	17B0503-40	Tetrachloroethylene (PCE)		U		Y	0.0016	0.0025	4
LB-26-4.5-5	17B0503-40	Tetrahydrofuran		U		Y	0.0027	0.012	4
LB-26-4.5-5	17B0503-40	Toluene		U		Y	0.00099	0.0025	4
LB-26-4.5-5	17B0503-40	Toluene-D8	101			Y			4
LB-26-4.5-5	17B0503-40	Trans-1,2-Dichloroethene		U		Y	0.0011	0.0025	4
LB-26-4.5-5	17B0503-40	Trans-1,3-Dichloropropene		U		Y	0.00087	0.0012	4
LB-26-4.5-5	17B0503-40	Trans-1,4-Dichloro-2-Butene		U		Y	0.0026	0.0049	4
LB-26-4.5-5	17B0503-40	Trichloroethylene (TCE)		U		Y	0.0012	0.0025	4
LB-26-4.5-5	17B0503-40	Trichlorofluoromethane		U		Y	0.0014	0.012	4
LB-26-4.5-5	17B0503-40	Vinyl Chloride		U		Y	0.0014	0.012	4
LB-02-8-8.5	17B0503-41	1,1,1,2-Tetrachloroethane		U		Y	0.0024	0.0026	4
LB-02-8-8.5	17B0503-41	1,1,1-Trichloroethane		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	1,1,2,2-Tetrachloroethane		U		Y	0.0012	0.0013	4
LB-02-8-8.5	17B0503-41	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0012	0.013	4
LB-02-8-8.5	17B0503-41	1,1,2-Trichloroethane		U		Y	0.0016	0.0026	4
LB-02-8-8.5	17B0503-41	1,1-Dichloroethane		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	1,1-Dichloroethene		U		Y	0.0014	0.0053	4
LB-02-8-8.5	17B0503-41	1,1-Dichloropropene		U		Y	0.0012	0.0026	4
LB-02-8-8.5	17B0503-41	1,2,3-Trichlorobenzene		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	1,2,3-Trichloropropane		U		Y	0.0014	0.0026	4
LB-02-8-8.5	17B0503-41	1,2,4-Trichlorobenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	1,2,4-Trimethylbenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dibromo-3-Chloropropane		U		Y	0.0014	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dichlorobenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dichloroethane		U		Y	0.0017	0.0026	4
LB-02-8-8.5	17B0503-41	1,2-Dichloroethane-D4	99			Y			4
LB-02-8-8.5	17B0503-41	1,2-Dichloropropane		U		Y	0.0017	0.0026	4
LB-02-8-8.5	17B0503-41	1,3,5-Trichlorobenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	1,3-Dichlorobenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	1,3-Dichloropropane		U		Y	0.00092	0.0013	4
LB-02-8-8.5	17B0503-41	1,4-Dichlorobenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	1,4-Dichlorobenzene-D4	0.079			Y			4
LB-02-8-8.5	17B0503-41	1,4-Difluorobenzene	0.079			Y			4
LB-02-8-8.5	17B0503-41	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.076	0.13	4
LB-02-8-8.5	17B0503-41	2,2-Dichloropropane		U		Y	0.0012	0.0026	4
LB-02-8-8.5	17B0503-41	2-Chlorotoluene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	2-Hexanone		U		Y	0.014	0.026	4
LB-02-8-8.5	17B0503-41	2-Methoxy-2-Methylbutane		U		Y	0.00092	0.0013	4
LB-02-8-8.5	17B0503-41	4-Chlorotoluene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Acetone		U		Y	0.031	0.13	4
LB-02-8-8.5	17B0503-41	Acrylonitrile		U		Y	0.0033	0.0079	4
LB-02-8-8.5	17B0503-41	Benzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	Bromobenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Bromochloromethane		U		Y	0.0018	0.0026	4
LB-02-8-8.5	17B0503-41	Bromodichloromethane		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	Bromoform		U		Y	0.0018	0.0026	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-02-8-8.5	17B0503-41	Bromomethane		U		Y	0.0055	0.013	4
LB-02-8-8.5	17B0503-41	Carbon Disulfide	0.0083			Y	0.0057	0.0079	4
LB-02-8-8.5	17B0503-41	Carbon Tetrachloride		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Chlorobenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	Chlorobenzene-D5	0.079			Y			4
LB-02-8-8.5	17B0503-41	Chloroethane		U		Y	0.002	0.026	4
LB-02-8-8.5	17B0503-41	Chloroform		U		Y	0.00092	0.0053	4
LB-02-8-8.5	17B0503-41	Chloromethane		U		Y	0.0084	0.013	4
LB-02-8-8.5	17B0503-41	Cis-1,2-Dichloroethylene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Cis-1,3-Dichloropropene		U		Y	0.00092	0.0013	4
LB-02-8-8.5	17B0503-41	Cymene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Dibromochloromethane		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	Dibromomethane		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	Dichlorodifluoromethane		U		Y	0.0017	0.026	4
LB-02-8-8.5	17B0503-41	Diethyl Ether (Ethyl Ether)		U		Y	0.0024	0.026	4
LB-02-8-8.5	17B0503-41	Ethyl Tert-Butyl Ether		U		Y	0.00079	0.0013	4
LB-02-8-8.5	17B0503-41	Ethylbenzene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Hexachlorobutadiene		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	Isopropyl Ether		U		Y	0.00079	0.0013	4
LB-02-8-8.5	17B0503-41	Isopropylbenzene (Cumene)		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	m,p-Xylene		U		Y	0.0022	0.0053	4
LB-02-8-8.5	17B0503-41	Methyl Acetate		U		Y	0.0021	0.0026	4
LB-02-8-8.5	17B0503-41	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.023	0.053	4
LB-02-8-8.5	17B0503-41	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.01	0.026	4
LB-02-8-8.5	17B0503-41	Methylcyclohexane		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	Methylene Chloride		U		Y	0.0094	0.026	4
LB-02-8-8.5	17B0503-41	Naphthalene	0.022			Y	0.00092	0.0053	4
LB-02-8-8.5	17B0503-41	N-Butylbenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	N-Propylbenzene		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00092	0.0026	4
LB-02-8-8.5	17B0503-41	p-Bromofluorobenzene	96.2			Y			4
LB-02-8-8.5	17B0503-41	Pentafluorobenzene	0.079			Y			4
LB-02-8-8.5	17B0503-41	Sec-Butylbenzene		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	Styrene		U		Y	0.00079	0.0026	4
LB-02-8-8.5	17B0503-41	T-Butylbenzene		U		Y	0.0012	0.0026	4
LB-02-8-8.5	17B0503-41	Tert-Butyl Alcohol		U	UJ	Y	0.028	0.053	4
LB-02-8-8.5	17B0503-41	Tert-Butyl Methyl Ether		U		Y	0.0012	0.0053	4
LB-02-8-8.5	17B0503-41	Tetrachloroethylene (PCE)		U		Y	0.0017	0.0026	4
LB-02-8-8.5	17B0503-41	Tetrahydrofuran		U		Y	0.0029	0.013	4
LB-02-8-8.5	17B0503-41	Toluene		U		Y	0.0011	0.0026	4
LB-02-8-8.5	17B0503-41	Toluene-D8	101			Y			4
LB-02-8-8.5	17B0503-41	Trans-1,2-Dichloroethene		U		Y	0.0012	0.0026	4
LB-02-8-8.5	17B0503-41	Trans-1,3-Dichloropropene		U		Y	0.00092	0.0013	4
LB-02-8-8.5	17B0503-41	Trans-1,4-Dichloro-2-Butene		U		Y	0.0028	0.0053	4
LB-02-8-8.5	17B0503-41	Trichloroethylene (TCE)		U		Y	0.0013	0.0026	4
LB-02-8-8.5	17B0503-41	Trichlorofluoromethane		U		Y	0.0014	0.013	4
LB-02-8-8.5	17B0503-41	Vinyl Chloride		U		Y	0.0014	0.013	4
LB-07-1-1.5	17B0503-42	1,1,1,2-Tetrachloroethane		U		Y	0.0086	0.072	4
LB-07-1-1.5	17B0503-42	1,1,1-Trichloroethane	0.18		J	Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	1,1,2,2-Tetrachloroethane		U		Y	0.012	0.036	4
LB-07-1-1.5	17B0503-42	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.014	0.072	4
LB-07-1-1.5	17B0503-42	1,1,2-Trichloroethane		U		Y	0.017	0.072	4
LB-07-1-1.5	17B0503-42	1,1-Dichloroethane	0.11			Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	1,1-Dichloroethene		U		Y	0.015	0.072	4
LB-07-1-1.5	17B0503-42	1,1-Dichloropropene		U		Y	0.0092	0.14	4
LB-07-1-1.5	17B0503-42	1,2,3-Trichlorobenzene		U		Y	0.01	0.36	4
LB-07-1-1.5	17B0503-42	1,2,3-Trichloropropane		U		Y	0.015	0.14	4
LB-07-1-1.5	17B0503-42	1,2,4-Trichlorobenzene		U		Y	0.014	0.072	4
LB-07-1-1.5	17B0503-42	1,2,4-Trimethylbenzene	0.39			Y	0.013	0.072	4
LB-07-1-1.5	17B0503-42	1,2-Dibromo-3-Chloropropane		U		Y	0.027	0.36	4
LB-07-1-1.5	17B0503-42	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.011	0.036	4
LB-07-1-1.5	17B0503-42	1,2-Dichlorobenzene		U		Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	1,2-Dichloroethane		U		Y	0.014	0.072	4
LB-07-1-1.5	17B0503-42	1,2-Dichloroethane-D4	93.2			Y			4
LB-07-1-1.5	17B0503-42	1,2-Dichloropropane		U		Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	1,3,5-Trichlorobenzene		U		Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	1,3,5-Trimethylbenzene (Mesitylene)	0.13		J	Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	1,3-Dichlorobenzene		U		Y	0.012	0.072	4

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LB-07-1-1.5	17B0503-42	1,3-Dichloropropane		U		Y	0.0094	0.036	4
LB-07-1-1.5	17B0503-42	1,4-Dichlorobenzene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	1,4-Dichlorobenzene-D4	30			Y			4
LB-07-1-1.5	17B0503-42	1,4-Difluorobenzene	30			Y			4
LB-07-1-1.5	17B0503-42	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.9	3.6	4
LB-07-1-1.5	17B0503-42	2,2-Dichloropropane		U		Y	0.015	0.072	4
LB-07-1-1.5	17B0503-42	2-Chlorotoluene		U		Y	0.0087	0.072	4
LB-07-1-1.5	17B0503-42	2-Hexanone		U	UJ	Y	0.11	0.72	4
LB-07-1-1.5	17B0503-42	2-Methoxy-2-Methylbutane		U		Y	0.0076	0.036	4
LB-07-1-1.5	17B0503-42	4-Chlorotoluene		U		Y	0.01	0.072	4
LB-07-1-1.5	17B0503-42	Acetone		U		Y	0.35	3.6	4
LB-07-1-1.5	17B0503-42	Acrylonitrile		U		Y	0.042	0.36	4
LB-07-1-1.5	17B0503-42	Benzene		U		Y	0.0087	0.072	4
LB-07-1-1.5	17B0503-42	Bromobenzene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	Bromochloromethane		U		Y	0.016	0.072	4
LB-07-1-1.5	17B0503-42	Bromodichloromethane		U		Y	0.021	0.072	4
LB-07-1-1.5	17B0503-42	Bromoform		U		Y	0.015	0.14	4
LB-07-1-1.5	17B0503-42	Bromomethane		U		Y	0.068	0.14	4
LB-07-1-1.5	17B0503-42	Carbon Disulfide		U		Y	0.074	0.22	4
LB-07-1-1.5	17B0503-42	Carbon Tetrachloride		U		Y	0.018	0.072	4
LB-07-1-1.5	17B0503-42	Chlorobenzene		U		Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	Chlorobenzene-D5	30			Y			4
LB-07-1-1.5	17B0503-42	Chloroethane		U		Y	0.02	0.14	4
LB-07-1-1.5	17B0503-42	Chloroform		U		Y	0.016	0.14	4
LB-07-1-1.5	17B0503-42	Chloromethane		U	UJ	Y	0.04	0.14	4
LB-07-1-1.5	17B0503-42	Cis-1,2-Dichloroethylene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	Cis-1,3-Dichloropropene		U		Y	0.0087	0.036	4
LB-07-1-1.5	17B0503-42	Cymene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	Dibromochloromethane		U		Y	0.0075	0.036	4
LB-07-1-1.5	17B0503-42	Dibromomethane		U		Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	Dichlorodifluoromethane		U		Y	0.02	0.14	4
LB-07-1-1.5	17B0503-42	Diethyl Ether (Ethyl Ether)		U		Y	0.016	0.14	4
LB-07-1-1.5	17B0503-42	Ethyl Tert-Butyl Ether		U		Y	0.0068	0.036	4
LB-07-1-1.5	17B0503-42	Ethylbenzene		U		Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	Hexachlorobutadiene		U		Y	0.042	0.072	4
LB-07-1-1.5	17B0503-42	Isopropyl Ether		U		Y	0.013	0.036	4
LB-07-1-1.5	17B0503-42	Isopropylbenzene (Cumene)	0.074		J	Y	0.0087	0.072	4
LB-07-1-1.5	17B0503-42	m,p-Xylene		U		Y	0.018	0.14	4
LB-07-1-1.5	17B0503-42	Methyl Acetate		U	UJ	Y	0.03	0.72	4
LB-07-1-1.5	17B0503-42	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.17	1.4	4
LB-07-1-1.5	17B0503-42	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.11	0.72	4
LB-07-1-1.5	17B0503-42	Methylcyclohexane	0.32		J	Y	0.045	0.072	4
LB-07-1-1.5	17B0503-42	Methylene Chloride		U		Y	0.23	0.36	4
LB-07-1-1.5	17B0503-42	Naphthalene	0.21			Y	0.0087	0.14	4
LB-07-1-1.5	17B0503-42	N-Butylbenzene	0.5			Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	N-Propylbenzene	0.18		J	Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	O-Xylene (1,2-Dimethylbenzene)	0.12		J	Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	p-Bromofluorobenzene	111			Y			4
LB-07-1-1.5	17B0503-42	Pentafluorobenzene	30			Y			4
LB-07-1-1.5	17B0503-42	Sec-Butylbenzene	1			Y	0.0094	0.072	4
LB-07-1-1.5	17B0503-42	Styrene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	T-Butylbenzene		U		Y	0.0087	0.072	4
LB-07-1-1.5	17B0503-42	Tert-Butyl Alcohol		U		Y	0.16	1.4	4
LB-07-1-1.5	17B0503-42	Tert-Butyl Methyl Ether		U		Y	0.0065	0.072	4
LB-07-1-1.5	17B0503-42	Tetrachloroethylene (PCE)		U		Y	0.02	0.072	4
LB-07-1-1.5	17B0503-42	Tetrahydrofuran		U		Y	0.077	0.72	4
LB-07-1-1.5	17B0503-42	Toluene	0.09		J	Y	0.012	0.072	4
LB-07-1-1.5	17B0503-42	Toluene-D8	98.3			Y			4
LB-07-1-1.5	17B0503-42	Trans-1,2-Dichloroethene		U		Y	0.011	0.072	4
LB-07-1-1.5	17B0503-42	Trans-1,3-Dichloropropene		U		Y	0.0081	0.036	4
LB-07-1-1.5	17B0503-42	Trans-1,4-Dichloro-2-Butene		U		Y	0.022	0.14	4
LB-07-1-1.5	17B0503-42	Trichloroethylene (TCE)		U		Y	0.014	0.072	4
LB-07-1-1.5	17B0503-42	Trichlorofluoromethane		U		Y	0.011	0.14	4
LB-07-1-1.5	17B0503-42	Vinyl Chloride		U		Y	0.0096	0.14	4
LB-07-4.5-5	17B0503-43	1,1,1,2-Tetrachloroethane		U		Y	0.0097	0.081	4
LB-07-4.5-5	17B0503-43	1,1,1-Trichloroethane		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	1,1,2,2-Tetrachloroethane		U		Y	0.013	0.041	4
LB-07-4.5-5	17B0503-43	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.016	0.081	4

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LB-07-4.5-5	17B0503-43	1,1,2-Trichloroethane		U		Y	0.019	0.081	4
LB-07-4.5-5	17B0503-43	1,1-Dichloroethane		U		Y	0.013	0.081	4
LB-07-4.5-5	17B0503-43	1,1-Dichloroethene		U		Y	0.017	0.081	4
LB-07-4.5-5	17B0503-43	1,1-Dichloropropene		U		Y	0.01	0.16	4
LB-07-4.5-5	17B0503-43	1,2,3-Trichlorobenzene		U		Y	0.011	0.41	4
LB-07-4.5-5	17B0503-43	1,2,3-Trichloropropane		U		Y	0.018	0.16	4
LB-07-4.5-5	17B0503-43	1,2,4-Trichlorobenzene		U		Y	0.015	0.081	4
LB-07-4.5-5	17B0503-43	1,2,4-Trimethylbenzene	0.13			Y	0.015	0.081	4
LB-07-4.5-5	17B0503-43	1,2-Dibromo-3-Chloropropane		U		Y	0.03	0.41	4
LB-07-4.5-5	17B0503-43	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.012	0.041	4
LB-07-4.5-5	17B0503-43	1,2-Dichlorobenzene		U		Y	0.014	0.081	4
LB-07-4.5-5	17B0503-43	1,2-Dichloroethane		U		Y	0.016	0.081	4
LB-07-4.5-5	17B0503-43	1,2-Dichloroethane-D4	91.6			Y			4
LB-07-4.5-5	17B0503-43	1,2-Dichloropropane		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	1,3,5-Trichlorobenzene		U		Y	0.014	0.081	4
LB-07-4.5-5	17B0503-43	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	1,3-Dichlorobenzene		U		Y	0.014	0.081	4
LB-07-4.5-5	17B0503-43	1,3-Dichloropropane		U		Y	0.011	0.041	4
LB-07-4.5-5	17B0503-43	1,4-Dichlorobenzene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	1,4-Dichlorobenzene-D4	30			Y			4
LB-07-4.5-5	17B0503-43	1,4-Difluorobenzene	30			Y			4
LB-07-4.5-5	17B0503-43	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2.2	4.1	4
LB-07-4.5-5	17B0503-43	2,2-Dichloropropane		U		Y	0.017	0.081	4
LB-07-4.5-5	17B0503-43	2-Chlorotoluene		U		Y	0.0098	0.081	4
LB-07-4.5-5	17B0503-43	2-Hexanone		U	UJ	Y	0.12	0.81	4
LB-07-4.5-5	17B0503-43	2-Methoxy-2-Methylbutane		U		Y	0.0086	0.041	4
LB-07-4.5-5	17B0503-43	4-Chlorotoluene		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	Acetone		U		Y	0.4	4.1	4
LB-07-4.5-5	17B0503-43	Acrylonitrile		U		Y	0.047	0.41	4
LB-07-4.5-5	17B0503-43	Benzene		U		Y	0.0098	0.081	4
LB-07-4.5-5	17B0503-43	Bromobenzene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	Bromochloromethane		U		Y	0.018	0.081	4
LB-07-4.5-5	17B0503-43	Bromodichloromethane		U		Y	0.024	0.081	4
LB-07-4.5-5	17B0503-43	Bromoform		U		Y	0.017	0.16	4
LB-07-4.5-5	17B0503-43	Bromomethane		U		Y	0.077	0.16	4
LB-07-4.5-5	17B0503-43	Carbon Disulfide		U		Y	0.083	0.24	4
LB-07-4.5-5	17B0503-43	Carbon Tetrachloride		U		Y	0.02	0.081	4
LB-07-4.5-5	17B0503-43	Chlorobenzene		U		Y	0.013	0.081	4
LB-07-4.5-5	17B0503-43	Chlorobenzene-D5	30			Y			4
LB-07-4.5-5	17B0503-43	Chloroethane	0.23			Y	0.023	0.16	4
LB-07-4.5-5	17B0503-43	Chloroform		U		Y	0.018	0.16	4
LB-07-4.5-5	17B0503-43	Chloromethane		U	UJ	Y	0.045	0.16	4
LB-07-4.5-5	17B0503-43	Cis-1,2-Dichloroethylene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	Cis-1,3-Dichloropropene		U		Y	0.0098	0.041	4
LB-07-4.5-5	17B0503-43	Cymene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	Dibromochloromethane		U		Y	0.0085	0.041	4
LB-07-4.5-5	17B0503-43	Dibromomethane		U		Y	0.013	0.081	4
LB-07-4.5-5	17B0503-43	Dichlorodifluoromethane		U		Y	0.023	0.16	4
LB-07-4.5-5	17B0503-43	Diethyl Ether (Ethyl Ether)		U		Y	0.018	0.16	4
LB-07-4.5-5	17B0503-43	Ethyl Tert-Butyl Ether		U		Y	0.0077	0.041	4
LB-07-4.5-5	17B0503-43	Ethylbenzene		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	Hexachlorobutadiene		U		Y	0.048	0.081	4
LB-07-4.5-5	17B0503-43	Isopropyl Ether		U		Y	0.015	0.041	4
LB-07-4.5-5	17B0503-43	Isopropylbenzene (Cumene)		U		Y	0.0098	0.081	4
LB-07-4.5-5	17B0503-43	m,p-Xylene		U		Y	0.021	0.16	4
LB-07-4.5-5	17B0503-43	Methyl Acetate		U	UJ	Y	0.034	0.81	4
LB-07-4.5-5	17B0503-43	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.19	1.6	4
LB-07-4.5-5	17B0503-43	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.12	0.81	4
LB-07-4.5-5	17B0503-43	Methylcyclohexane	0.17			Y	0.051	0.081	4
LB-07-4.5-5	17B0503-43	Methylene Chloride		U		Y	0.26	0.41	4
LB-07-4.5-5	17B0503-43	Naphthalene		U		Y	0.0099	0.16	4
LB-07-4.5-5	17B0503-43	N-Butylbenzene	0.28			Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	N-Propylbenzene		U		Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	O-Xylene (1,2-Dimethylbenzene)	0.095			Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	p-Bromofluorobenzene	118			Y			4
LB-07-4.5-5	17B0503-43	Pentafluorobenzene	30			Y			4
LB-07-4.5-5	17B0503-43	Sec-Butylbenzene	0.47			Y	0.011	0.081	4
LB-07-4.5-5	17B0503-43	Styrene		U		Y	0.012	0.081	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-07-4.5-5	17B0503-43	T-Butylbenzene	0.085			Y	0.0099	0.081	4
LB-07-4.5-5	17B0503-43	Tert-Butyl Alcohol		U		Y	0.18	1.6	4
LB-07-4.5-5	17B0503-43	Tert-Butyl Methyl Ether		U		Y	0.0073	0.081	4
LB-07-4.5-5	17B0503-43	Tetrachloroethylene (PCE)		U		Y	0.022	0.081	4
LB-07-4.5-5	17B0503-43	Tetrahydrofuran		U		Y	0.087	0.81	4
LB-07-4.5-5	17B0503-43	Toluene		U		Y	0.014	0.081	4
LB-07-4.5-5	17B0503-43	Toluene-D8	96.9			Y			4
LB-07-4.5-5	17B0503-43	Trans-1,2-Dichloroethene		U		Y	0.012	0.081	4
LB-07-4.5-5	17B0503-43	Trans-1,3-Dichloropropene		U		Y	0.0091	0.041	4
LB-07-4.5-5	17B0503-43	Trans-1,4-Dichloro-2-Butene		U		Y	0.025	0.16	4
LB-07-4.5-5	17B0503-43	Trichloroethylene (TCE)		U		Y	0.016	0.081	4
LB-07-4.5-5	17B0503-43	Trichlorofluoromethane		U		Y	0.012	0.16	4
LB-07-4.5-5	17B0503-43	Vinyl Chloride		U		Y	0.011	0.16	4
LB-07-8-8.5	17B0503-44	1,1,1,2-Tetrachloroethane		U		Y	0.0075	0.063	4
LB-07-8-8.5	17B0503-44	1,1,1-Trichloroethane		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	1,1,2,2-Tetrachloroethane		U		Y	0.01	0.031	4
LB-07-8-8.5	17B0503-44	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.012	0.063	4
LB-07-8-8.5	17B0503-44	1,1,2-Trichloroethane		U		Y	0.015	0.063	4
LB-07-8-8.5	17B0503-44	1,1-Dichloroethane		U		Y	0.0099	0.063	4
LB-07-8-8.5	17B0503-44	1,1-Dichloroethene		U		Y	0.013	0.063	4
LB-07-8-8.5	17B0503-44	1,1-Dichloropropene		U		Y	0.008	0.13	4
LB-07-8-8.5	17B0503-44	1,2,3-Trichlorobenzene		U		Y	0.0088	0.31	4
LB-07-8-8.5	17B0503-44	1,2,3-Trichloropropane		U		Y	0.014	0.13	4
LB-07-8-8.5	17B0503-44	1,2,4-Trichlorobenzene		U		Y	0.012	0.063	4
LB-07-8-8.5	17B0503-44	1,2,4-Trimethylbenzene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	1,2-Dibromo-3-Chloropropane		U		Y	0.023	0.31	4
LB-07-8-8.5	17B0503-44	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0093	0.031	4
LB-07-8-8.5	17B0503-44	1,2-Dichlorobenzene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	1,2-Dichloroethane		U		Y	0.012	0.063	4
LB-07-8-8.5	17B0503-44	1,2-Dichloroethane-D4	98.6			Y			4
LB-07-8-8.5	17B0503-44	1,2-Dichloropropane		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	1,3,5-Trichlorobenzene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	1,3-Dichlorobenzene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	1,3-Dichloropropane		U		Y	0.0082	0.031	4
LB-07-8-8.5	17B0503-44	1,4-Dichlorobenzene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	1,4-Dichlorobenzene-D4	30			Y			4
LB-07-8-8.5	17B0503-44	1,4-Difluorobenzene	30			Y			4
LB-07-8-8.5	17B0503-44	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.7	3.1	4
LB-07-8-8.5	17B0503-44	2,2-Dichloropropane		U		Y	0.013	0.063	4
LB-07-8-8.5	17B0503-44	2-Chlorotoluene		U		Y	0.0075	0.063	4
LB-07-8-8.5	17B0503-44	2-Hexanone		U	UJ	Y	0.095	0.63	4
LB-07-8-8.5	17B0503-44	2-Methoxy-2-Methylbutane		U		Y	0.0067	0.031	4
LB-07-8-8.5	17B0503-44	4-Chlorotoluene		U		Y	0.0088	0.063	4
LB-07-8-8.5	17B0503-44	Acetone		U		Y	0.31	3.1	4
LB-07-8-8.5	17B0503-44	Acrylonitrile		U		Y	0.036	0.31	4
LB-07-8-8.5	17B0503-44	Benzene		U		Y	0.0075	0.063	4
LB-07-8-8.5	17B0503-44	Bromobenzene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	Bromochloromethane		U		Y	0.014	0.063	4
LB-07-8-8.5	17B0503-44	Bromodichloromethane		U		Y	0.019	0.063	4
LB-07-8-8.5	17B0503-44	Bromoform		U		Y	0.013	0.13	4
LB-07-8-8.5	17B0503-44	Bromomethane		U		Y	0.059	0.13	4
LB-07-8-8.5	17B0503-44	Carbon Disulfide		U		Y	0.064	0.19	4
LB-07-8-8.5	17B0503-44	Carbon Tetrachloride		U		Y	0.016	0.063	4
LB-07-8-8.5	17B0503-44	Chlorobenzene		U		Y	0.01	0.063	4
LB-07-8-8.5	17B0503-44	Chlorobenzene-D5	30			Y			4
LB-07-8-8.5	17B0503-44	Chloroethane		U		Y	0.018	0.13	4
LB-07-8-8.5	17B0503-44	Chloroform		U		Y	0.014	0.13	4
LB-07-8-8.5	17B0503-44	Chloromethane		U	UJ	Y	0.035	0.13	4
LB-07-8-8.5	17B0503-44	Cis-1,2-Dichloroethylene		U		Y	0.0092	0.063	4
LB-07-8-8.5	17B0503-44	Cis-1,3-Dichloropropene		U		Y	0.0075	0.031	4
LB-07-8-8.5	17B0503-44	Cymene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	Dibromochloromethane		U		Y	0.0065	0.031	4
LB-07-8-8.5	17B0503-44	Dibromomethane		U		Y	0.01	0.063	4
LB-07-8-8.5	17B0503-44	Dichlorodifluoromethane		U		Y	0.018	0.13	4
LB-07-8-8.5	17B0503-44	Diethyl Ether (Ethyl Ether)		U		Y	0.014	0.13	4
LB-07-8-8.5	17B0503-44	Ethyl Tert-Butyl Ether		U		Y	0.006	0.031	4
LB-07-8-8.5	17B0503-44	Ethylbenzene		U		Y	0.0082	0.063	4

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LB-07-8-8.5	17B0503-44	Hexachlorobutadiene		U		Y	0.037	0.063	4
LB-07-8-8.5	17B0503-44	Isopropyl Ether		U		Y	0.011	0.031	4
LB-07-8-8.5	17B0503-44	Isopropylbenzene (Cumene)		U		Y	0.0075	0.063	4
LB-07-8-8.5	17B0503-44	m,p-Xylene		U		Y	0.016	0.13	4
LB-07-8-8.5	17B0503-44	Methyl Acetate		U	UJ	Y	0.026	0.63	4
LB-07-8-8.5	17B0503-44	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.15	1.3	4
LB-07-8-8.5	17B0503-44	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.092	0.63	4
LB-07-8-8.5	17B0503-44	Methylcyclohexane	0.068			Y	0.04	0.063	4
LB-07-8-8.5	17B0503-44	Methylene Chloride		U		Y	0.2	0.31	4
LB-07-8-8.5	17B0503-44	Naphthalene		U		Y	0.0076	0.13	4
LB-07-8-8.5	17B0503-44	N-Butylbenzene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	N-Propylbenzene		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	p-Bromofluorobenzene	102			Y			4
LB-07-8-8.5	17B0503-44	Pentafluorobenzene	30			Y			4
LB-07-8-8.5	17B0503-44	Sec-Butylbenzene		U		Y	0.0082	0.063	4
LB-07-8-8.5	17B0503-44	Styrene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	T-Butylbenzene		U		Y	0.0076	0.063	4
LB-07-8-8.5	17B0503-44	Tert-Butyl Alcohol		U		Y	0.14	1.3	4
LB-07-8-8.5	17B0503-44	Tert-Butyl Methyl Ether		U		Y	0.0057	0.063	4
LB-07-8-8.5	17B0503-44	Tetrachloroethylene (PCE)		U		Y	0.017	0.063	4
LB-07-8-8.5	17B0503-44	Tetrahydrofuran		U		Y	0.067	0.63	4
LB-07-8-8.5	17B0503-44	Toluene		U		Y	0.011	0.063	4
LB-07-8-8.5	17B0503-44	Toluene-D8	98.4			Y			4
LB-07-8-8.5	17B0503-44	Trans-1,2-Dichloroethene		U		Y	0.0094	0.063	4
LB-07-8-8.5	17B0503-44	Trans-1,3-Dichloropropene		U		Y	0.007	0.031	4
LB-07-8-8.5	17B0503-44	Trans-1,4-Dichloro-2-Butene		U		Y	0.019	0.13	4
LB-07-8-8.5	17B0503-44	Trichloroethylene (TCE)		U		Y	0.013	0.063	4
LB-07-8-8.5	17B0503-44	Trichlorofluoromethane		U		Y	0.0092	0.13	4
LB-07-8-8.5	17B0503-44	Vinyl Chloride		U		Y	0.0084	0.13	4
LB-08-9-10	17B0503-45	1,1,1,2-Tetrachloroethane		U		Y	0.0019	0.0021	4
LB-08-9-10	17B0503-45	1,1,1-Trichloroethane		U		Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	1,1,2,2-Tetrachloroethane		U		Y	0.00094	0.001	4
LB-08-9-10	17B0503-45	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.00094	0.01	4
LB-08-9-10	17B0503-45	1,1,2-Trichloroethane		U		Y	0.0013	0.0021	4
LB-08-9-10	17B0503-45	1,1-Dichloroethane		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	1,1-Dichloroethene		U		Y	0.0012	0.0042	4
LB-08-9-10	17B0503-45	1,1-Dichloropropene		U		Y	0.00094	0.0021	4
LB-08-9-10	17B0503-45	1,2,3-Trichlorobenzene		U		Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	1,2,3-Trichloropropane		U		Y	0.0012	0.0021	4
LB-08-9-10	17B0503-45	1,2,4-Trichlorobenzene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	1,2,4-Trimethylbenzene	0.12			Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dibromo-3-Chloropropane		U		Y	0.0012	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dichlorobenzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dichloroethane		U		Y	0.0014	0.0021	4
LB-08-9-10	17B0503-45	1,2-Dichloroethane-D4	106			Y			4
LB-08-9-10	17B0503-45	1,2-Dichloropropane		U		Y	0.0014	0.0021	4
LB-08-9-10	17B0503-45	1,3,5-Trichlorobenzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	1,3,5-Trimethylbenzene (Mesitylene)	0.027			Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	1,3-Dichlorobenzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	1,3-Dichloropropane		U		Y	0.00073	0.001	4
LB-08-9-10	17B0503-45	1,4-Dichlorobenzene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	1,4-Dichlorobenzene-D4	0.063			Y			4
LB-08-9-10	17B0503-45	1,4-Difluorobenzene	0.063			Y			4
LB-08-9-10	17B0503-45	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.06	0.1	4
LB-08-9-10	17B0503-45	2,2-Dichloropropane		U		Y	0.00094	0.0021	4
LB-08-9-10	17B0503-45	2-Chlorotoluene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	2-Hexanone		U		Y	0.011	0.021	4
LB-08-9-10	17B0503-45	2-Methoxy-2-Methylbutane		U		Y	0.00073	0.001	4
LB-08-9-10	17B0503-45	4-Chlorotoluene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Acetone		U		Y	0.025	0.1	4
LB-08-9-10	17B0503-45	Acrylonitrile		U		Y	0.0026	0.0063	4
LB-08-9-10	17B0503-45	Benzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	Bromobenzene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Bromochloromethane		U		Y	0.0015	0.0021	4
LB-08-9-10	17B0503-45	Bromodichloromethane		U		Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	Bromoform		U		Y	0.0015	0.0021	4

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LB-08-9-10	17B0503-45	Bromomethane		U		Y	0.0044	0.01	4
LB-08-9-10	17B0503-45	Carbon Disulfide		U		Y	0.0045	0.0063	4
LB-08-9-10	17B0503-45	Carbon Tetrachloride		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Chlorobenzene		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	Chlorobenzene-D5	0.063			Y			4
LB-08-9-10	17B0503-45	Chloroethane		U		Y	0.0016	0.021	4
LB-08-9-10	17B0503-45	Chloroform		U		Y	0.00073	0.0042	4
LB-08-9-10	17B0503-45	Chloromethane		U		Y	0.0067	0.01	4
LB-08-9-10	17B0503-45	Cis-1,2-Dichloroethylene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Cis-1,3-Dichloropropene		U		Y	0.00073	0.001	4
LB-08-9-10	17B0503-45	Cymene	0.0044			Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Dibromochloromethane		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	Dibromomethane		U		Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	Dichlorodifluoromethane		U		Y	0.0014	0.021	4
LB-08-9-10	17B0503-45	Diethyl Ether (Ethyl Ether)		U		Y	0.0019	0.021	4
LB-08-9-10	17B0503-45	Ethyl Tert-Butyl Ether		U		Y	0.00063	0.001	4
LB-08-9-10	17B0503-45	Ethylbenzene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Hexachlorobutadiene		U		Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	Isopropyl Ether		U		Y	0.00063	0.001	4
LB-08-9-10	17B0503-45	Isopropylbenzene (Cumene)	0.0088			Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	m,p-Xylene		U		Y	0.0018	0.0042	4
LB-08-9-10	17B0503-45	Methyl Acetate		U		Y	0.0017	0.0021	4
LB-08-9-10	17B0503-45	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.018	0.042	4
LB-08-9-10	17B0503-45	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.008	0.021	4
LB-08-9-10	17B0503-45	Methylcyclohexane	0.024			Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	Methylene Chloride		U		Y	0.0074	0.021	4
LB-08-9-10	17B0503-45	Naphthalene	0.011			Y	0.00073	0.0042	4
LB-08-9-10	17B0503-45	N-Butylbenzene	0.043			Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	N-Propylbenzene	0.05			Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.00073	0.0021	4
LB-08-9-10	17B0503-45	p-Bromofluorobenzene	108			Y			4
LB-08-9-10	17B0503-45	Pentafluorobenzene	0.063			Y			4
LB-08-9-10	17B0503-45	Sec-Butylbenzene	0.014			Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	Styrene		U		Y	0.00063	0.0021	4
LB-08-9-10	17B0503-45	T-Butylbenzene		U		Y	0.00094	0.0021	4
LB-08-9-10	17B0503-45	Tert-Butyl Alcohol		U	UJ	Y	0.022	0.042	4
LB-08-9-10	17B0503-45	Tert-Butyl Methyl Ether		U		Y	0.00094	0.0042	4
LB-08-9-10	17B0503-45	Tetrachloroethylene (PCE)		U		Y	0.0014	0.0021	4
LB-08-9-10	17B0503-45	Tetrahydrofuran		U		Y	0.0023	0.01	4
LB-08-9-10	17B0503-45	Toluene		U		Y	0.00084	0.0021	4
LB-08-9-10	17B0503-45	Toluene-D8	103			Y			4
LB-08-9-10	17B0503-45	Trans-1,2-Dichloroethene		U		Y	0.00094	0.0021	4
LB-08-9-10	17B0503-45	Trans-1,3-Dichloropropene		U		Y	0.00073	0.001	4
LB-08-9-10	17B0503-45	Trans-1,4-Dichloro-2-Butene		U		Y	0.0022	0.0042	4
LB-08-9-10	17B0503-45	Trichloroethylene (TCE)		U		Y	0.001	0.0021	4
LB-08-9-10	17B0503-45	Trichlorofluoromethane		U		Y	0.0012	0.01	4
LB-08-9-10	17B0503-45	Vinyl Chloride		U		Y	0.0012	0.01	4
LB-09-3-3.5	17B0503-46	1,1,1,2-Tetrachloroethane		U		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	1,1,1-Trichloroethane		U		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	1,1,2,2-Tetrachloroethane		U		Y	0.045	0.14	4
LB-09-3-3.5	17B0503-46	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.055	0.28	4
LB-09-3-3.5	17B0503-46	1,1,2-Trichloroethane		U		Y	0.067	0.28	4
LB-09-3-3.5	17B0503-46	1,1-Dichloroethane		U		Y	0.045	0.28	4
LB-09-3-3.5	17B0503-46	1,1-Dichloroethene		U		Y	0.06	0.28	4
LB-09-3-3.5	17B0503-46	1,1-Dichloropropene		U		Y	0.036	0.57	4
LB-09-3-3.5	17B0503-46	1,2,3-Trichlorobenzene		U		Y	0.04	1.4	4
LB-09-3-3.5	17B0503-46	1,2,3-Trichloropropane		U		Y	0.061	0.57	4
LB-09-3-3.5	17B0503-46	1,2,4-Trichlorobenzene		U		Y	0.054	0.28	4
LB-09-3-3.5	17B0503-46	1,2,4-Trimethylbenzene	3	D		Y	0.051	0.28	4
LB-09-3-3.5	17B0503-46	1,2-Dibromo-3-Chloropropane		U		Y	0.1	1.4	4
LB-09-3-3.5	17B0503-46	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.042	0.14	4
LB-09-3-3.5	17B0503-46	1,2-Dichlorobenzene		U		Y	0.048	0.28	4
LB-09-3-3.5	17B0503-46	1,2-Dichloroethane		U		Y	0.055	0.28	4
LB-09-3-3.5	17B0503-46	1,2-Dichloroethane-D4	92			Y			4
LB-09-3-3.5	17B0503-46	1,2-Dichloropropane		U		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	1,3,5-Trichlorobenzene		U		Y	0.048	0.28	4
LB-09-3-3.5	17B0503-46	1,3,5-Trimethylbenzene (Mesitylene)	1.7	D		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	1,3-Dichlorobenzene		U		Y	0.048	0.28	4

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LB-09-3-3.5	17B0503-46	1,3-Dichloropropane		U		Y	0.037	0.14	4
LB-09-3-3.5	17B0503-46	1,4-Dichlorobenzene		U		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	1,4-Dichlorobenzene-D4	30			Y			4
LB-09-3-3.5	17B0503-46	1,4-Difluorobenzene	30			Y			4
LB-09-3-3.5	17B0503-46	1,4-Dioxane (P-Dioxane)		U	UJ	Y	7.5	14	4
LB-09-3-3.5	17B0503-46	2,2-Dichloropropane		U		Y	0.06	0.28	4
LB-09-3-3.5	17B0503-46	2-Chlorotoluene		U		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	2-Hexanone		U	UJ	Y	0.43	2.8	4
LB-09-3-3.5	17B0503-46	2-Methoxy-2-Methylbutane		U		Y	0.03	0.14	4
LB-09-3-3.5	17B0503-46	4-Chlorotoluene		U		Y	0.04	0.28	4
LB-09-3-3.5	17B0503-46	Acetone		U		Y	1.4	14	4
LB-09-3-3.5	17B0503-46	Acrylonitrile		U		Y	0.16	1.4	4
LB-09-3-3.5	17B0503-46	Benzene		U		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	Bromobenzene		U		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	Bromochloromethane		U		Y	0.063	0.28	4
LB-09-3-3.5	17B0503-46	Bromodichloromethane		U		Y	0.084	0.28	4
LB-09-3-3.5	17B0503-46	Bromoform		U		Y	0.06	0.57	4
LB-09-3-3.5	17B0503-46	Bromomethane		U		Y	0.27	0.57	4
LB-09-3-3.5	17B0503-46	Carbon Disulfide		U		Y	0.29	0.85	4
LB-09-3-3.5	17B0503-46	Carbon Tetrachloride		U		Y	0.07	0.28	4
LB-09-3-3.5	17B0503-46	Chlorobenzene		U		Y	0.045	0.28	4
LB-09-3-3.5	17B0503-46	Chlorobenzene-D5	30			Y			4
LB-09-3-3.5	17B0503-46	Chloroethane		U		Y	0.079	0.57	4
LB-09-3-3.5	17B0503-46	Chloroform		U		Y	0.062	0.57	4
LB-09-3-3.5	17B0503-46	Chloromethane		U	UJ	Y	0.16	0.57	4
LB-09-3-3.5	17B0503-46	Cis-1,2-Dichloroethylene		U		Y	0.042	0.28	4
LB-09-3-3.5	17B0503-46	Cis-1,3-Dichloropropene		U		Y	0.034	0.14	4
LB-09-3-3.5	17B0503-46	Cymene	3.5	D		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	Dibromochloromethane		U		Y	0.029	0.14	4
LB-09-3-3.5	17B0503-46	Dibromomethane		U		Y	0.045	0.28	4
LB-09-3-3.5	17B0503-46	Dichlorodifluoromethane		U		Y	0.081	0.57	4
LB-09-3-3.5	17B0503-46	Diethyl Ether (Ethyl Ether)		U		Y	0.063	0.57	4
LB-09-3-3.5	17B0503-46	Ethyl Tert-Butyl Ether		U		Y	0.027	0.14	4
LB-09-3-3.5	17B0503-46	Ethylbenzene		U		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	Hexachlorobutadiene		U		Y	0.17	0.28	4
LB-09-3-3.5	17B0503-46	Isopropyl Ether		U		Y	0.051	0.14	4
LB-09-3-3.5	17B0503-46	Isopropylbenzene (Cumene)	0.4	D		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	m,p-Xylene		U		Y	0.072	0.57	4
LB-09-3-3.5	17B0503-46	Methyl Acetate		U	UJ	Y	0.12	2.8	4
LB-09-3-3.5	17B0503-46	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.67	5.7	4
LB-09-3-3.5	17B0503-46	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.42	2.8	4
LB-09-3-3.5	17B0503-46	Methylcyclohexane		U		Y	0.18	0.28	4
LB-09-3-3.5	17B0503-46	Methylene Chloride		U		Y	0.9	1.4	4
LB-09-3-3.5	17B0503-46	Naphthalene		U		Y	0.034	0.57	4
LB-09-3-3.5	17B0503-46	N-Butylbenzene	1.9	D		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	N-Propylbenzene	0.92	D		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	p-Bromofluorobenzene	109			Y			4
LB-09-3-3.5	17B0503-46	Pentafluorobenzene	30			Y			4
LB-09-3-3.5	17B0503-46	Sec-Butylbenzene	2.9	D		Y	0.037	0.28	4
LB-09-3-3.5	17B0503-46	Styrene		U		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	T-Butylbenzene	0.39	D		Y	0.034	0.28	4
LB-09-3-3.5	17B0503-46	Tert-Butyl Alcohol		U		Y	0.61	5.7	4
LB-09-3-3.5	17B0503-46	Tert-Butyl Methyl Ether		U		Y	0.026	0.28	4
LB-09-3-3.5	17B0503-46	Tetrachloroethylene (PCE)		U		Y	0.077	0.28	4
LB-09-3-3.5	17B0503-46	Tetrahydrofuran		U		Y	0.3	2.8	4
LB-09-3-3.5	17B0503-46	Toluene		U		Y	0.048	0.28	4
LB-09-3-3.5	17B0503-46	Toluene-D8	99.1			Y			4
LB-09-3-3.5	17B0503-46	Trans-1,2-Dichloroethene		U		Y	0.043	0.28	4
LB-09-3-3.5	17B0503-46	Trans-1,3-Dichloropropene		U		Y	0.032	0.14	4
LB-09-3-3.5	17B0503-46	Trans-1,4-Dichloro-2-Butene		U		Y	0.088	0.57	4
LB-09-3-3.5	17B0503-46	Trichloroethylene (TCE)		U		Y	0.057	0.28	4
LB-09-3-3.5	17B0503-46	Trichlorofluoromethane		U		Y	0.042	0.57	4
LB-09-3-3.5	17B0503-46	Vinyl Chloride		U		Y	0.038	0.57	4
LB-09-4-5-5	17B0503-47	1,1,1,2-Tetrachloroethane		U		Y	0.035	0.3	4
LB-09-4-5-5	17B0503-47	1,1,1-Trichloroethane		U		Y	0.039	0.3	4
LB-09-4-5-5	17B0503-47	1,1,2,2-Tetrachloroethane		U		Y	0.048	0.15	4
LB-09-4-5-5	17B0503-47	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.058	0.3	4

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LB-09-4.5-5	17B0503-47	1,1,2-Trichloroethane		U		Y	0.07	0.3	4
LB-09-4.5-5	17B0503-47	1,1-Dichloroethane		U		Y	0.047	0.3	4
LB-09-4.5-5	17B0503-47	1,1-Dichloroethene		U		Y	0.062	0.3	4
LB-09-4.5-5	17B0503-47	1,1-Dichloropropene		U		Y	0.038	0.59	4
LB-09-4.5-5	17B0503-47	1,2,3-Trichlorobenzene		U		Y	0.042	1.5	4
LB-09-4.5-5	17B0503-47	1,2,3-Trichloropropane		U		Y	0.064	0.59	4
LB-09-4.5-5	17B0503-47	1,2,4-Trichlorobenzene		U		Y	0.056	0.3	4
LB-09-4.5-5	17B0503-47	1,2,4-Trimethylbenzene	2	D		Y	0.054	0.3	4
LB-09-4.5-5	17B0503-47	1,2-Dibromo-3-Chloropropane		U		Y	0.11	1.5	4
LB-09-4.5-5	17B0503-47	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.044	0.15	4
LB-09-4.5-5	17B0503-47	1,2-Dichlorobenzene		U		Y	0.051	0.3	4
LB-09-4.5-5	17B0503-47	1,2-Dichloroethane		U		Y	0.058	0.3	4
LB-09-4.5-5	17B0503-47	1,2-Dichloroethane-D4	94.9			Y			4
LB-09-4.5-5	17B0503-47	1,2-Dichloropropane		U		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	1,3,5-Trichlorobenzene		U		Y	0.051	0.3	4
LB-09-4.5-5	17B0503-47	1,3,5-Trimethylbenzene (Mesitylene)	2	D		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	1,3-Dichlorobenzene		U		Y	0.051	0.3	4
LB-09-4.5-5	17B0503-47	1,3-Dichloropropane		U		Y	0.039	0.15	4
LB-09-4.5-5	17B0503-47	1,4-Dichlorobenzene		U		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	1,4-Dichlorobenzene-D4	30			Y			4
LB-09-4.5-5	17B0503-47	1,4-Difluorobenzene	30			Y			4
LB-09-4.5-5	17B0503-47	1,4-Dioxane (P-Dioxane)		U	UJ	Y	7.9	15	4
LB-09-4.5-5	17B0503-47	2,2-Dichloropropane		U		Y	0.063	0.3	4
LB-09-4.5-5	17B0503-47	2-Chlorotoluene		U		Y	0.036	0.3	4
LB-09-4.5-5	17B0503-47	2-Hexanone		U	UJ	Y	0.45	3	4
LB-09-4.5-5	17B0503-47	2-Methoxy-2-Methylbutane		U		Y	0.032	0.15	4
LB-09-4.5-5	17B0503-47	4-Chlorotoluene		U		Y	0.042	0.3	4
LB-09-4.5-5	17B0503-47	Acetone		U		Y	1.4	15	4
LB-09-4.5-5	17B0503-47	Acrylonitrile		U		Y	0.17	1.5	4
LB-09-4.5-5	17B0503-47	Benzene		U		Y	0.036	0.3	4
LB-09-4.5-5	17B0503-47	Bromobenzene		U		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	Bromochloromethane		U		Y	0.066	0.3	4
LB-09-4.5-5	17B0503-47	Bromodichloromethane		U		Y	0.088	0.3	4
LB-09-4.5-5	17B0503-47	Bromoform		U		Y	0.062	0.59	4
LB-09-4.5-5	17B0503-47	Bromomethane		U		Y	0.28	0.59	4
LB-09-4.5-5	17B0503-47	Carbon Disulfide		U		Y	0.3	0.89	4
LB-09-4.5-5	17B0503-47	Carbon Tetrachloride		U		Y	0.073	0.3	4
LB-09-4.5-5	17B0503-47	Chlorobenzene		U		Y	0.048	0.3	4
LB-09-4.5-5	17B0503-47	Chlorobenzene-D5	30			Y			4
LB-09-4.5-5	17B0503-47	Chloroethane		U		Y	0.083	0.59	4
LB-09-4.5-5	17B0503-47	Chloroform		U		Y	0.065	0.59	4
LB-09-4.5-5	17B0503-47	Chloromethane		U	UJ	Y	0.16	0.59	4
LB-09-4.5-5	17B0503-47	Cis-1,2-Dichloroethylene		U		Y	0.044	0.3	4
LB-09-4.5-5	17B0503-47	Cis-1,3-Dichloropropene		U		Y	0.036	0.15	4
LB-09-4.5-5	17B0503-47	Cymene	1.4	D		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	Dibromochloromethane		U		Y	0.031	0.15	4
LB-09-4.5-5	17B0503-47	Dibromomethane		U		Y	0.048	0.3	4
LB-09-4.5-5	17B0503-47	Dichlorodifluoromethane		U		Y	0.084	0.59	4
LB-09-4.5-5	17B0503-47	Diethyl Ether (Ethyl Ether)		U		Y	0.066	0.59	4
LB-09-4.5-5	17B0503-47	Ethyl Tert-Butyl Ether		U		Y	0.028	0.15	4
LB-09-4.5-5	17B0503-47	Ethylbenzene		U		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	Hexachlorobutadiene		U		Y	0.18	0.3	4
LB-09-4.5-5	17B0503-47	Isopropyl Ether		U		Y	0.054	0.15	4
LB-09-4.5-5	17B0503-47	Isopropylbenzene (Cumene)		U		Y	0.036	0.3	4
LB-09-4.5-5	17B0503-47	m,p-Xylene		U		Y	0.076	0.59	4
LB-09-4.5-5	17B0503-47	Methyl Acetate		U	UJ	Y	0.12	3	4
LB-09-4.5-5	17B0503-47	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.7	5.9	4
LB-09-4.5-5	17B0503-47	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.44	3	4
LB-09-4.5-5	17B0503-47	Methylcyclohexane		U		Y	0.19	0.3	4
LB-09-4.5-5	17B0503-47	Methylene Chloride		U		Y	0.95	1.5	4
LB-09-4.5-5	17B0503-47	Naphthalene		U		Y	0.036	0.59	4
LB-09-4.5-5	17B0503-47	N-Butylbenzene	1.9	D		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	N-Propylbenzene	0.52	D		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	p-Bromofluorobenzene	113			Y			4
LB-09-4.5-5	17B0503-47	Pentafluorobenzene	30			Y			4
LB-09-4.5-5	17B0503-47	Sec-Butylbenzene	2.2	D		Y	0.039	0.3	4
LB-09-4.5-5	17B0503-47	Styrene		U		Y	0.045	0.3	4

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LB-09-4.5-5	17B0503-47	T-Butylbenzene	0.3	D		Y	0.036	0.3	4
LB-09-4.5-5	17B0503-47	Tert-Butyl Alcohol		U		Y	0.64	5.9	4
LB-09-4.5-5	17B0503-47	Tert-Butyl Methyl Ether		U		Y	0.027	0.3	4
LB-09-4.5-5	17B0503-47	Tetrachloroethylene (PCE)		U		Y	0.081	0.3	4
LB-09-4.5-5	17B0503-47	Tetrahydrofuran		U		Y	0.32	3	4
LB-09-4.5-5	17B0503-47	Toluene		U		Y	0.051	0.3	4
LB-09-4.5-5	17B0503-47	Toluene-D8	99.3			Y			4
LB-09-4.5-5	17B0503-47	Trans-1,2-Dichloroethene		U		Y	0.045	0.3	4
LB-09-4.5-5	17B0503-47	Trans-1,3-Dichloropropene		U		Y	0.033	0.15	4
LB-09-4.5-5	17B0503-47	Trans-1,4-Dichloro-2-Butene		U		Y	0.092	0.59	4
LB-09-4.5-5	17B0503-47	Trichloroethylene (TCE)		U		Y	0.059	0.3	4
LB-09-4.5-5	17B0503-47	Trichlorofluoromethane		U		Y	0.044	0.59	4
LB-09-4.5-5	17B0503-47	Vinyl Chloride		U		Y	0.04	0.59	4
LB-12-1-1.5	17B0503-48	1,1,1,2-Tetrachloroethane		U		Y	0.01	0.088	4
LB-12-1-1.5	17B0503-48	1,1,1-Trichloroethane		U		Y	0.012	0.088	4
LB-12-1-1.5	17B0503-48	1,1,2,2-Tetrachloroethane		U		Y	0.014	0.044	4
LB-12-1-1.5	17B0503-48	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.017	0.088	4
LB-12-1-1.5	17B0503-48	1,1,2-Trichloroethane		U		Y	0.021	0.088	4
LB-12-1-1.5	17B0503-48	1,1-Dichloroethane		U		Y	0.014	0.088	4
LB-12-1-1.5	17B0503-48	1,1-Dichloroethene		U		Y	0.018	0.088	4
LB-12-1-1.5	17B0503-48	1,1-Dichloropropene		U		Y	0.011	0.18	4
LB-12-1-1.5	17B0503-48	1,2,3-Trichlorobenzene		U		Y	0.012	0.44	4
LB-12-1-1.5	17B0503-48	1,2,3-Trichloropropane		U		Y	0.019	0.18	4
LB-12-1-1.5	17B0503-48	1,2,4-Trichlorobenzene		U		Y	0.017	0.088	4
LB-12-1-1.5	17B0503-48	1,2,4-Trimethylbenzene	7			Y	0.016	0.088	4
LB-12-1-1.5	17B0503-48	1,2-Dibromo-3-Chloropropane		U		Y	0.032	0.44	4
LB-12-1-1.5	17B0503-48	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.013	0.044	4
LB-12-1-1.5	17B0503-48	1,2-Dichlorobenzene		U		Y	0.015	0.088	4
LB-12-1-1.5	17B0503-48	1,2-Dichloroethane		U		Y	0.017	0.088	4
LB-12-1-1.5	17B0503-48	1,2-Dichloroethane-D4	89.7			Y			4
LB-12-1-1.5	17B0503-48	1,2-Dichloropropane		U		Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	1,3,5-Trichlorobenzene		U		Y	0.015	0.088	4
LB-12-1-1.5	17B0503-48	1,3,5-Trimethylbenzene (Mesitylene)	1.9		J	Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	1,3-Dichlorobenzene		U		Y	0.015	0.088	4
LB-12-1-1.5	17B0503-48	1,3-Dichloropropane		U		Y	0.011	0.044	4
LB-12-1-1.5	17B0503-48	1,4-Dichlorobenzene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	1,4-Dichlorobenzene-D4	30			Y			4
LB-12-1-1.5	17B0503-48	1,4-Difluorobenzene	30			Y			4
LB-12-1-1.5	17B0503-48	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2.3	4.4	4
LB-12-1-1.5	17B0503-48	2,2-Dichloropropane		U		Y	0.019	0.088	4
LB-12-1-1.5	17B0503-48	2-Chlorotoluene		U		Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	2-Hexanone		U	UJ	Y	0.13	0.88	4
LB-12-1-1.5	17B0503-48	2-Methoxy-2-Methylbutane		U		Y	0.0093	0.044	4
LB-12-1-1.5	17B0503-48	4-Chlorotoluene		U		Y	0.012	0.088	4
LB-12-1-1.5	17B0503-48	Acetone		U		Y	0.43	4.4	4
LB-12-1-1.5	17B0503-48	Acrylonitrile		U		Y	0.051	0.44	4
LB-12-1-1.5	17B0503-48	Benzene		U		Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	Bromobenzene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	Bromochloromethane		U		Y	0.02	0.088	4
LB-12-1-1.5	17B0503-48	Bromodichloromethane		U		Y	0.026	0.088	4
LB-12-1-1.5	17B0503-48	Bromoform		U		Y	0.018	0.18	4
LB-12-1-1.5	17B0503-48	Bromomethane		U		Y	0.083	0.18	4
LB-12-1-1.5	17B0503-48	Carbon Disulfide		U		Y	0.09	0.26	4
LB-12-1-1.5	17B0503-48	Carbon Tetrachloride		U		Y	0.022	0.088	4
LB-12-1-1.5	17B0503-48	Chlorobenzene		U		Y	0.014	0.088	4
LB-12-1-1.5	17B0503-48	Chlorobenzene-D5	30			Y			4
LB-12-1-1.5	17B0503-48	Chloroethane		U		Y	0.025	0.18	4
LB-12-1-1.5	17B0503-48	Chloroform		U		Y	0.019	0.18	4
LB-12-1-1.5	17B0503-48	Chloromethane		U	UJ	Y	0.049	0.18	4
LB-12-1-1.5	17B0503-48	Cis-1,2-Dichloroethylene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	Cis-1,3-Dichloropropene		U		Y	0.011	0.044	4
LB-12-1-1.5	17B0503-48	Cymene	2			Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	Dibromochloromethane		U		Y	0.0091	0.044	4
LB-12-1-1.5	17B0503-48	Dibromomethane		U		Y	0.014	0.088	4
LB-12-1-1.5	17B0503-48	Dichlorodifluoromethane		U		Y	0.025	0.18	4
LB-12-1-1.5	17B0503-48	Diethyl Ether (Ethyl Ether)		U		Y	0.02	0.18	4
LB-12-1-1.5	17B0503-48	Ethyl Tert-Butyl Ether		U		Y	0.0084	0.044	4
LB-12-1-1.5	17B0503-48	Ethylbenzene	1.2		J	Y	0.011	0.088	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-1-1.5	17B0503-48	Hexachlorobutadiene		U		Y	0.052	0.088	4
LB-12-1-1.5	17B0503-48	Isopropyl Ether		U		Y	0.016	0.044	4
LB-12-1-1.5	17B0503-48	Isopropylbenzene (Cumene)	0.38		J	Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	m,p-Xylene	2.5		J	Y	0.022	0.18	4
LB-12-1-1.5	17B0503-48	Methyl Acetate		U	UJ	Y	0.037	0.88	4
LB-12-1-1.5	17B0503-48	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.21	1.8	4
LB-12-1-1.5	17B0503-48	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.13	0.88	4
LB-12-1-1.5	17B0503-48	Methylcyclohexane	9.7		J	Y	0.055	0.088	4
LB-12-1-1.5	17B0503-48	Methylene Chloride		U		Y	0.28	0.44	4
LB-12-1-1.5	17B0503-48	Naphthalene	0.86			Y	0.011	0.18	4
LB-12-1-1.5	17B0503-48	N-Butylbenzene	2.9			Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	N-Propylbenzene	0.88		J	Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	O-Xylene (1,2-Dimethylbenzene)	0.14		J	Y	0.012	0.088	4
LB-12-1-1.5	17B0503-48	p-Bromofluorobenzene	118			Y			4
LB-12-1-1.5	17B0503-48	Pentafluorobenzene	30			Y			4
LB-12-1-1.5	17B0503-48	Sec-Butylbenzene	1.8			Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	Styrene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	T-Butylbenzene	0.18			Y	0.011	0.088	4
LB-12-1-1.5	17B0503-48	Tert-Butyl Alcohol		U		Y	0.19	1.8	4
LB-12-1-1.5	17B0503-48	Tert-Butyl Methyl Ether		U		Y	0.0079	0.088	4
LB-12-1-1.5	17B0503-48	Tetrachloroethylene (PCE)		U		Y	0.024	0.088	4
LB-12-1-1.5	17B0503-48	Tetrahydrofuran		U		Y	0.094	0.88	4
LB-12-1-1.5	17B0503-48	Toluene		U		Y	0.015	0.088	4
LB-12-1-1.5	17B0503-48	Toluene-D8	96.9			Y			4
LB-12-1-1.5	17B0503-48	Trans-1,2-Dichloroethene		U		Y	0.013	0.088	4
LB-12-1-1.5	17B0503-48	Trans-1,3-Dichloropropene		U		Y	0.0099	0.044	4
LB-12-1-1.5	17B0503-48	Trans-1,4-Dichloro-2-Butene		U		Y	0.027	0.18	4
LB-12-1-1.5	17B0503-48	Trichloroethylene (TCE)		U		Y	0.018	0.088	4
LB-12-1-1.5	17B0503-48	Trichlorofluoromethane		U		Y	0.013	0.18	4
LB-12-1-1.5	17B0503-48	Vinyl Chloride		U		Y	0.012	0.18	4
LB-12-1.5-2	17B0503-49	1,1,1,2-Tetrachloroethane		U		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	1,1,1-Trichloroethane		U		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	1,1,2,2-Tetrachloroethane		U		Y	0.026	0.08	4
LB-12-1.5-2	17B0503-49	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.031	0.16	4
LB-12-1.5-2	17B0503-49	1,1,2-Trichloroethane		U		Y	0.038	0.16	4
LB-12-1.5-2	17B0503-49	1,1-Dichloroethane		U		Y	0.025	0.16	4
LB-12-1.5-2	17B0503-49	1,1-Dichloroethene		U		Y	0.034	0.16	4
LB-12-1.5-2	17B0503-49	1,1-Dichloropropene		U		Y	0.021	0.32	4
LB-12-1.5-2	17B0503-49	1,2,3-Trichlorobenzene		U		Y	0.023	0.8	4
LB-12-1.5-2	17B0503-49	1,2,3-Trichloropropane		U		Y	0.035	0.32	4
LB-12-1.5-2	17B0503-49	1,2,4-Trichlorobenzene		U		Y	0.031	0.16	4
LB-12-1.5-2	17B0503-49	1,2,4-Trimethylbenzene	15	D		Y	0.029	0.16	4
LB-12-1.5-2	17B0503-49	1,2-Dibromo-3-Chloropropane		U		Y	0.059	0.8	4
LB-12-1.5-2	17B0503-49	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.024	0.08	4
LB-12-1.5-2	17B0503-49	1,2-Dichlorobenzene		U		Y	0.027	0.16	4
LB-12-1.5-2	17B0503-49	1,2-Dichloroethane		U		Y	0.031	0.16	4
LB-12-1.5-2	17B0503-49	1,2-Dichloroethane-D4	92			Y			4
LB-12-1.5-2	17B0503-49	1,2-Dichloropropane		U		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	1,3,5-Trichlorobenzene		U		Y	0.027	0.16	4
LB-12-1.5-2	17B0503-49	1,3,5-Trimethylbenzene (Mesitylene)	4.4	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	1,3-Dichlorobenzene		U		Y	0.027	0.16	4
LB-12-1.5-2	17B0503-49	1,3-Dichloropropane		U		Y	0.021	0.08	4
LB-12-1.5-2	17B0503-49	1,4-Dichlorobenzene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	1,4-Dichlorobenzene-D4	30			Y			4
LB-12-1.5-2	17B0503-49	1,4-Difluorobenzene	30			Y			4
LB-12-1.5-2	17B0503-49	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4.3	8	4
LB-12-1.5-2	17B0503-49	2,2-Dichloropropane		U		Y	0.034	0.16	4
LB-12-1.5-2	17B0503-49	2-Chlorotoluene		U		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	2-Hexanone		U	UJ	Y	0.24	1.6	4
LB-12-1.5-2	17B0503-49	2-Methoxy-2-Methylbutane		U		Y	0.017	0.08	4
LB-12-1.5-2	17B0503-49	4-Chlorotoluene		U		Y	0.023	0.16	4
LB-12-1.5-2	17B0503-49	Acetone		U		Y	0.78	8	4
LB-12-1.5-2	17B0503-49	Acrylonitrile		U		Y	0.093	0.8	4
LB-12-1.5-2	17B0503-49	Benzene		U		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	Bromobenzene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	Bromochloromethane		U		Y	0.036	0.16	4
LB-12-1.5-2	17B0503-49	Bromodichloromethane		U		Y	0.047	0.16	4
LB-12-1.5-2	17B0503-49	Bromoform		U		Y	0.034	0.32	4

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LB-12-1.5-2	17B0503-49	Bromomethane		U		Y	0.15	0.32	4
LB-12-1.5-2	17B0503-49	Carbon Disulfide		U		Y	0.16	0.48	4
LB-12-1.5-2	17B0503-49	Carbon Tetrachloride		U		Y	0.04	0.16	4
LB-12-1.5-2	17B0503-49	Chlorobenzene		U		Y	0.026	0.16	4
LB-12-1.5-2	17B0503-49	Chlorobenzene-D5	30			Y			4
LB-12-1.5-2	17B0503-49	Chloroethane		U		Y	0.045	0.32	4
LB-12-1.5-2	17B0503-49	Chloroform		U		Y	0.035	0.32	4
LB-12-1.5-2	17B0503-49	Chloromethane		U	UJ	Y	0.089	0.32	4
LB-12-1.5-2	17B0503-49	Cis-1,2-Dichloroethylene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	Cis-1,3-Dichloropropene		U		Y	0.019	0.08	4
LB-12-1.5-2	17B0503-49	Cymene	3.2	D		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	Dibromochloromethane		U		Y	0.017	0.08	4
LB-12-1.5-2	17B0503-49	Dibromomethane		U		Y	0.026	0.16	4
LB-12-1.5-2	17B0503-49	Dichlorodifluoromethane		U		Y	0.046	0.32	4
LB-12-1.5-2	17B0503-49	Diethyl Ether (Ethyl Ether)		U		Y	0.036	0.32	4
LB-12-1.5-2	17B0503-49	Ethyl Tert-Butyl Ether		U		Y	0.015	0.08	4
LB-12-1.5-2	17B0503-49	Ethylbenzene	2.4	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	Hexachlorobutadiene		U		Y	0.095	0.16	4
LB-12-1.5-2	17B0503-49	Isopropyl Ether		U		Y	0.029	0.08	4
LB-12-1.5-2	17B0503-49	Isopropylbenzene (Cumene)	0.43	D		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	m,p-Xylene	6.5	D		Y	0.041	0.32	4
LB-12-1.5-2	17B0503-49	Methyl Acetate		U	UJ	Y	0.068	1.6	4
LB-12-1.5-2	17B0503-49	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.38	3.2	4
LB-12-1.5-2	17B0503-49	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.24	1.6	4
LB-12-1.5-2	17B0503-49	Methylcyclohexane	12	D		Y	0.1	0.16	4
LB-12-1.5-2	17B0503-49	Methylene Chloride		U		Y	0.51	0.8	4
LB-12-1.5-2	17B0503-49	Naphthalene	1.3	D		Y	0.019	0.32	4
LB-12-1.5-2	17B0503-49	N-Butylbenzene	3.2	D		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	N-Propylbenzene	1	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	O-Xylene (1,2-Dimethylbenzene)	0.39	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	p-Bromofluorobenzene	109			Y			4
LB-12-1.5-2	17B0503-49	Pentafluorobenzene	30			Y			4
LB-12-1.5-2	17B0503-49	Sec-Butylbenzene	1.9	D		Y	0.021	0.16	4
LB-12-1.5-2	17B0503-49	Styrene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	T-Butylbenzene	0.19	D		Y	0.019	0.16	4
LB-12-1.5-2	17B0503-49	Tert-Butyl Alcohol		U		Y	0.35	3.2	4
LB-12-1.5-2	17B0503-49	Tert-Butyl Methyl Ether		U		Y	0.014	0.16	4
LB-12-1.5-2	17B0503-49	Tetrachloroethylene (PCE)		U		Y	0.044	0.16	4
LB-12-1.5-2	17B0503-49	Tetrahydrofuran		U		Y	0.17	1.6	4
LB-12-1.5-2	17B0503-49	Toluene		U		Y	0.027	0.16	4
LB-12-1.5-2	17B0503-49	Toluene-D8	96.6			Y			4
LB-12-1.5-2	17B0503-49	Trans-1,2-Dichloroethene		U		Y	0.024	0.16	4
LB-12-1.5-2	17B0503-49	Trans-1,3-Dichloropropene		U		Y	0.018	0.08	4
LB-12-1.5-2	17B0503-49	Trans-1,4-Dichloro-2-Butene		U		Y	0.05	0.32	4
LB-12-1.5-2	17B0503-49	Trichloroethylene (TCE)		U		Y	0.032	0.16	4
LB-12-1.5-2	17B0503-49	Trichlorofluoromethane		U		Y	0.024	0.32	4
LB-12-1.5-2	17B0503-49	Vinyl Chloride		U		Y	0.021	0.32	4
LB-12-4-4.5	17B0503-50	1,1,1,2-Tetrachloroethane		U		Y	0.0091	0.076	4
LB-12-4-4.5	17B0503-50	1,1,1-Trichloroethane		U		Y	0.01	0.076	4
LB-12-4-4.5	17B0503-50	1,1,2,2-Tetrachloroethane		U		Y	0.012	0.038	4
LB-12-4-4.5	17B0503-50	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.015	0.076	4
LB-12-4-4.5	17B0503-50	1,1,2-Trichloroethane		U		Y	0.018	0.076	4
LB-12-4-4.5	17B0503-50	1,1-Dichloroethane		U		Y	0.012	0.076	4
LB-12-4-4.5	17B0503-50	1,1-Dichloroethene		U		Y	0.016	0.076	4
LB-12-4-4.5	17B0503-50	1,1-Dichloropropene		U		Y	0.0098	0.15	4
LB-12-4-4.5	17B0503-50	1,2,3-Trichlorobenzene		U		Y	0.011	0.38	4
LB-12-4-4.5	17B0503-50	1,2,3-Trichloropropane		U		Y	0.016	0.15	4
LB-12-4-4.5	17B0503-50	1,2,4-Trichlorobenzene		U		Y	0.014	0.076	4
LB-12-4-4.5	17B0503-50	1,2,4-Trimethylbenzene	1.2			Y	0.014	0.076	4
LB-12-4-4.5	17B0503-50	1,2-Dibromo-3-Chloropropane		U		Y	0.028	0.38	4
LB-12-4-4.5	17B0503-50	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.011	0.038	4
LB-12-4-4.5	17B0503-50	1,2-Dichlorobenzene		U		Y	0.013	0.076	4
LB-12-4-4.5	17B0503-50	1,2-Dichloroethane		U		Y	0.015	0.076	4
LB-12-4-4.5	17B0503-50	1,2-Dichloroethane-D4	95.6			Y			4
LB-12-4-4.5	17B0503-50	1,2-Dichloropropane		U		Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	1,3,5-Trichlorobenzene		U		Y	0.013	0.076	4
LB-12-4-4.5	17B0503-50	1,3,5-Trimethylbenzene (Mesitylene)	0.34			Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	1,3-Dichlorobenzene		U		Y	0.013	0.076	4

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LB-12-4-4.5	17B0503-50	1,3-Dichloropropane		U		Y	0.0099	0.038	4
LB-12-4-4.5	17B0503-50	1,4-Dichlorobenzene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	1,4-Dichlorobenzene-D4	30			Y			4
LB-12-4-4.5	17B0503-50	1,4-Difluorobenzene	30			Y			4
LB-12-4-4.5	17B0503-50	1,4-Dioxane (P-Dioxane)		U	UJ	Y	2	3.8	4
LB-12-4-4.5	17B0503-50	2,2-Dichloropropane		U		Y	0.016	0.076	4
LB-12-4-4.5	17B0503-50	2-Chlorotoluene		U		Y	0.0091	0.076	4
LB-12-4-4.5	17B0503-50	2-Hexanone		U	UJ	Y	0.12	0.76	4
LB-12-4-4.5	17B0503-50	2-Methoxy-2-Methylbutane		U		Y	0.0081	0.038	4
LB-12-4-4.5	17B0503-50	4-Chlorotoluene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Acetone		U		Y	0.37	3.8	4
LB-12-4-4.5	17B0503-50	Acrylonitrile		U		Y	0.044	0.38	4
LB-12-4-4.5	17B0503-50	Benzene		U		Y	0.0091	0.076	4
LB-12-4-4.5	17B0503-50	Bromobenzene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Bromochloromethane		U		Y	0.017	0.076	4
LB-12-4-4.5	17B0503-50	Bromodichloromethane		U		Y	0.022	0.076	4
LB-12-4-4.5	17B0503-50	Bromoform		U		Y	0.016	0.15	4
LB-12-4-4.5	17B0503-50	Bromomethane		U		Y	0.072	0.15	4
LB-12-4-4.5	17B0503-50	Carbon Disulfide		U		Y	0.078	0.23	4
LB-12-4-4.5	17B0503-50	Carbon Tetrachloride		U		Y	0.019	0.076	4
LB-12-4-4.5	17B0503-50	Chlorobenzene		U		Y	0.012	0.076	4
LB-12-4-4.5	17B0503-50	Chlorobenzene-D5	30			Y			4
LB-12-4-4.5	17B0503-50	Chloroethane		U		Y	0.021	0.15	4
LB-12-4-4.5	17B0503-50	Chloroform		U		Y	0.017	0.15	4
LB-12-4-4.5	17B0503-50	Chloromethane		U	UJ	Y	0.042	0.15	4
LB-12-4-4.5	17B0503-50	Cis-1,2-Dichloroethylene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Cis-1,3-Dichloropropene		U		Y	0.0091	0.038	4
LB-12-4-4.5	17B0503-50	Cymene	0.21			Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Dibromochloromethane		U		Y	0.0079	0.038	4
LB-12-4-4.5	17B0503-50	Dibromomethane		U		Y	0.012	0.076	4
LB-12-4-4.5	17B0503-50	Dichlorodifluoromethane		U		Y	0.022	0.15	4
LB-12-4-4.5	17B0503-50	Diethyl Ether (Ethyl Ether)		U		Y	0.017	0.15	4
LB-12-4-4.5	17B0503-50	Ethyl Tert-Butyl Ether		U		Y	0.0072	0.038	4
LB-12-4-4.5	17B0503-50	Ethylbenzene	0.29			Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	Hexachlorobutadiene		U		Y	0.045	0.076	4
LB-12-4-4.5	17B0503-50	Isopropyl Ether		U		Y	0.014	0.038	4
LB-12-4-4.5	17B0503-50	Isopropylbenzene (Cumene)	0.091			Y	0.0091	0.076	4
LB-12-4-4.5	17B0503-50	m,p-Xylene	0.93			Y	0.019	0.15	4
LB-12-4-4.5	17B0503-50	Methyl Acetate		U	UJ	Y	0.032	0.76	4
LB-12-4-4.5	17B0503-50	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.18	1.5	4
LB-12-4-4.5	17B0503-50	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.11	0.76	4
LB-12-4-4.5	17B0503-50	Methylcyclohexane	1.5			Y	0.048	0.076	4
LB-12-4-4.5	17B0503-50	Methylene Chloride		U		Y	0.24	0.38	4
LB-12-4-4.5	17B0503-50	Naphthalene	0.29			Y	0.0092	0.15	4
LB-12-4-4.5	17B0503-50	N-Butylbenzene	0.48			Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	N-Propylbenzene	0.2			Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	O-Xylene (1,2-Dimethylbenzene)	0.087			Y	0.01	0.076	4
LB-12-4-4.5	17B0503-50	p-Bromofluorobenzene	101			Y			4
LB-12-4-4.5	17B0503-50	Pentafluorobenzene	30			Y			4
LB-12-4-4.5	17B0503-50	Sec-Butylbenzene	0.34			Y	0.0099	0.076	4
LB-12-4-4.5	17B0503-50	Styrene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	T-Butylbenzene		U		Y	0.0092	0.076	4
LB-12-4-4.5	17B0503-50	Tert-Butyl Alcohol		U		Y	0.17	1.5	4
LB-12-4-4.5	17B0503-50	Tert-Butyl Methyl Ether		U		Y	0.0069	0.076	4
LB-12-4-4.5	17B0503-50	Tetrachloroethylene (PCE)		U		Y	0.021	0.076	4
LB-12-4-4.5	17B0503-50	Tetrahydrofuran		U		Y	0.082	0.76	4
LB-12-4-4.5	17B0503-50	Toluene		U		Y	0.013	0.076	4
LB-12-4-4.5	17B0503-50	Toluene-D8	98.2			Y			4
LB-12-4-4.5	17B0503-50	Trans-1,2-Dichloroethene		U		Y	0.011	0.076	4
LB-12-4-4.5	17B0503-50	Trans-1,3-Dichloropropene		U		Y	0.0085	0.038	4
LB-12-4-4.5	17B0503-50	Trans-1,4-Dichloro-2-Butene		U		Y	0.024	0.15	4
LB-12-4-4.5	17B0503-50	Trichloroethylene (TCE)		U		Y	0.015	0.076	4
LB-12-4-4.5	17B0503-50	Trichlorofluoromethane		U		Y	0.011	0.15	4
LB-12-4-4.5	17B0503-50	Vinyl Chloride		U		Y	0.01	0.15	4
TRIP BLANK	17B0503-55	1,1,1,2-Tetrachloroethane		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	1,1,1-Trichloroethane		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	1,1,2,2-Tetrachloroethane		U	R	Y	0.16	0.5	4
TRIP BLANK	17B0503-55	1,1,2-Trichloro-1,2,2-Trifluoroethane		U	R	Y	0.2	1	4

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TRIP BLANK	17B0503-55	1,1,2-Trichloroethane		U	R	Y	0.24	1	4
TRIP BLANK	17B0503-55	1,1-Dichloroethane		U	R	Y	0.16	1	4
TRIP BLANK	17B0503-55	1,1-Dichloroethene		U	R	Y	0.21	1	4
TRIP BLANK	17B0503-55	1,1-Dichloropropene		U	R	Y	0.13	2	4
TRIP BLANK	17B0503-55	1,2,3-Trichlorobenzene		U	R	Y	0.14	5	4
TRIP BLANK	17B0503-55	1,2,3-Trichloropropane		U	R	Y	0.22	2	4
TRIP BLANK	17B0503-55	1,2,4-Trichlorobenzene		U	R	Y	0.19	1	4
TRIP BLANK	17B0503-55	1,2,4-Trimethylbenzene		U	R	Y	0.18	1	4
TRIP BLANK	17B0503-55	1,2-Dibromo-3-Chloropropane		U	R	Y	0.37	5	4
TRIP BLANK	17B0503-55	1,2-Dibromoethane (Ethylene Dibromide)		U	R	Y	0.15	0.5	4
TRIP BLANK	17B0503-55	1,2-Dichlorobenzene		U	R	Y	0.17	1	4
TRIP BLANK	17B0503-55	1,2-Dichloroethane		U	R	Y	0.19	1	4
TRIP BLANK	17B0503-55	1,2-Dichloroethane-D4	87			Y			4
TRIP BLANK	17B0503-55	1,2-Dichloropropane		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	1,3,5-Trichlorobenzene		U	R	Y	0.17	1	4
TRIP BLANK	17B0503-55	1,3,5-Trimethylbenzene (Mesitylene)		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	1,3-Dichlorobenzene		U	R	Y	0.17	1	4
TRIP BLANK	17B0503-55	1,3-Dichloropropane		U	R	Y	0.13	0.5	4
TRIP BLANK	17B0503-55	1,4-Dichlorobenzene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	1,4-Dichlorobenzene-D4	30			Y			4
TRIP BLANK	17B0503-55	1,4-Difluorobenzene	30		JL	Y			4
TRIP BLANK	17B0503-55	1,4-Dioxane (P-Dioxane)		U	R	Y	26	50	4
TRIP BLANK	17B0503-55	2,2-Dichloropropane		U	R	Y	0.21	1	4
TRIP BLANK	17B0503-55	2-Chlorotoluene		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	2-Hexanone		U	R	Y	1.5	10	4
TRIP BLANK	17B0503-55	2-Methoxy-2-Methylbutane		U	R	Y	0.11	0.5	4
TRIP BLANK	17B0503-55	4-Chlorotoluene		U	R	Y	0.14	1	4
TRIP BLANK	17B0503-55	Acetone		U	R	Y	4.9	50	4
TRIP BLANK	17B0503-55	Acrylonitrile		U	R	Y	0.58	5	4
TRIP BLANK	17B0503-55	Benzene		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	Bromobenzene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	Bromochloromethane		U	R	Y	0.22	1	4
TRIP BLANK	17B0503-55	Bromodichloromethane		U	R	Y	0.3	1	4
TRIP BLANK	17B0503-55	Bromoform		U	R	Y	0.21	1	4
TRIP BLANK	17B0503-55	Bromomethane		U	R	Y	0.94	2	4
TRIP BLANK	17B0503-55	Carbon Disulfide		U	R	Y	1	4	4
TRIP BLANK	17B0503-55	Carbon Tetrachloride		U	R	Y	0.25	5	4
TRIP BLANK	17B0503-55	Chlorobenzene		U	R	Y	0.16	1	4
TRIP BLANK	17B0503-55	Chlorobenzene-D5	30			Y			4
TRIP BLANK	17B0503-55	Chloroethane		U	R	Y	0.28	2	4
TRIP BLANK	17B0503-55	Chloroform		U	R	Y	0.22	2	4
TRIP BLANK	17B0503-55	Chloromethane		U	R	Y	0.55	2	4
TRIP BLANK	17B0503-55	Cis-1,2-Dichloroethylene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	Cis-1,3-Dichloropropene		U	R	Y	0.12	0.5	4
TRIP BLANK	17B0503-55	Cymene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	Dibromochloromethane		U	R	Y	0.1	0.5	4
TRIP BLANK	17B0503-55	Dibromomethane		U	R	Y	0.16	1	4
TRIP BLANK	17B0503-55	Dichlorodifluoromethane		U	R	Y	0.28	2	4
TRIP BLANK	17B0503-55	Diethyl Ether (Ethyl Ether)		U	R	Y	0.22	2	4
TRIP BLANK	17B0503-55	Ethyl Tert-Butyl Ether		U	R	Y	0.095	0.5	4
TRIP BLANK	17B0503-55	Ethylbenzene		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	Hexachlorobutadiene		U	R	Y	0.59	0.6	4
TRIP BLANK	17B0503-55	Isopropyl Ether		U	R	Y	0.18	0.5	4
TRIP BLANK	17B0503-55	Isopropylbenzene (Cumene)		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	m,p-Xylene		U	R	Y	0.26	2	4
TRIP BLANK	17B0503-55	Methyl Acetate		U	R	Y	0.42	2	4
TRIP BLANK	17B0503-55	Methyl Ethyl Ketone (2-Butanone)		U	R	Y	2.4	20	4
TRIP BLANK	17B0503-55	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U	R	Y	1.5	10	4
TRIP BLANK	17B0503-55	Methylcyclohexane		U	R	Y	0.63	1	4
TRIP BLANK	17B0503-55	Methylene Chloride		U	R	Y	3.2	5	4
TRIP BLANK	17B0503-55	Naphthalene		U	R	Y	0.12	2	4
TRIP BLANK	17B0503-55	N-Butylbenzene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	N-Propylbenzene		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	O-Xylene (1,2-Dimethylbenzene)		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	p-Bromofluorobenzene	95.7			Y			4
TRIP BLANK	17B0503-55	Pentafluorobenzene	30			Y			4
TRIP BLANK	17B0503-55	Sec-Butylbenzene		U	R	Y	0.13	1	4
TRIP BLANK	17B0503-55	Styrene		U	R	Y	0.15	1	4

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TRIP BLANK	17B0503-55	T-Butylbenzene		U	R	Y	0.12	1	4
TRIP BLANK	17B0503-55	Tert-Butyl Alcohol		U	R	Y	2.2	20	4
TRIP BLANK	17B0503-55	Tert-Butyl Methyl Ether		U	R	Y	0.09	1	4
TRIP BLANK	17B0503-55	Tetrachloroethylene (PCE)		U	R	Y	0.27	1	4
TRIP BLANK	17B0503-55	Tetrahydrofuran		U	R	Y	1.1	10	4
TRIP BLANK	17B0503-55	Toluene		U	R	Y	0.17	1	4
TRIP BLANK	17B0503-55	Toluene-D8	99.4			Y			4
TRIP BLANK	17B0503-55	Trans-1,2-Dichloroethene		U	R	Y	0.15	1	4
TRIP BLANK	17B0503-55	Trans-1,3-Dichloropropene		U	R	Y	0.11	0.5	4
TRIP BLANK	17B0503-55	Trans-1,4-Dichloro-2-Butene		U	R	Y	0.31	2	4
TRIP BLANK	17B0503-55	Trichloroethylene (TCE)		U	R	Y	0.2	1	4
TRIP BLANK	17B0503-55	Trichlorofluoromethane		U	R	Y	0.15	2	4
TRIP BLANK	17B0503-55	Vinyl Chloride		U	R	Y	0.13	2	4
B170239-BLK1	B170239-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	1,1,1-Trichloroethane		U		Y	0.0066	0.05	4
B170239-BLK1	B170239-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.008	0.025	4
B170239-BLK1	B170239-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0098	0.05	4
B170239-BLK1	B170239-BLK1	1,1,2-Trichloroethane		U		Y	0.012	0.05	4
B170239-BLK1	B170239-BLK1	1,1-Dichloroethane		U		Y	0.0079	0.05	4
B170239-BLK1	B170239-BLK1	1,1-Dichloroethene		U		Y	0.01	0.05	4
B170239-BLK1	B170239-BLK1	1,1-Dichloropropene		U		Y	0.0064	0.1	4
B170239-BLK1	B170239-BLK1	1,2,3-Trichlorobenzene		U		Y	0.007	0.25	4
B170239-BLK1	B170239-BLK1	1,2,3-Trichloropropane		U		Y	0.011	0.1	4
B170239-BLK1	B170239-BLK1	1,2,4-Trichlorobenzene		U		Y	0.0095	0.05	4
B170239-BLK1	B170239-BLK1	1,2,4-Trimethylbenzene		U		Y	0.009	0.05	4
B170239-BLK1	B170239-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.018	0.25	4
B170239-BLK1	B170239-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0074	0.025	4
B170239-BLK1	B170239-BLK1	1,2-Dichlorobenzene		U		Y	0.0085	0.05	4
B170239-BLK1	B170239-BLK1	1,2-Dichloroethane		U		Y	0.0097	0.05	4
B170239-BLK1	B170239-BLK1	1,2-Dichloroethane-D4	96.4			Y			4
B170239-BLK1	B170239-BLK1	1,2-Dichloropropane		U		Y	0.0065	0.05	4
B170239-BLK1	B170239-BLK1	1,3,5-Trichlorobenzene		U		Y	0.0085	0.05	4
B170239-BLK1	B170239-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0065	0.05	4
B170239-BLK1	B170239-BLK1	1,3-Dichlorobenzene		U		Y	0.0085	0.05	4
B170239-BLK1	B170239-BLK1	1,3-Dichloropropane		U		Y	0.0065	0.025	4
B170239-BLK1	B170239-BLK1	1,4-Dichlorobenzene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	1,4-Dichlorobenzene-D4	30			Y			4
B170239-BLK1	B170239-BLK1	1,4-Difluorobenzene	30			Y			4
B170239-BLK1	B170239-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.3	2.5	4
B170239-BLK1	B170239-BLK1	2,2-Dichloropropane		U		Y	0.011	0.05	4
B170239-BLK1	B170239-BLK1	2-Chlorotoluene		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	2-Hexanone		U		Y	0.076	0.5	4
B170239-BLK1	B170239-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.0053	0.025	4
B170239-BLK1	B170239-BLK1	4-Chlorotoluene		U		Y	0.007	0.05	4
B170239-BLK1	B170239-BLK1	Acetone		U		Y	0.24	2.5	4
B170239-BLK1	B170239-BLK1	Acrylonitrile		U		Y	0.029	0.25	4
B170239-BLK1	B170239-BLK1	Benzene		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	Bromobenzene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	Bromochloromethane		U		Y	0.011	0.05	4
B170239-BLK1	B170239-BLK1	Bromodichloromethane		U		Y	0.015	0.05	4
B170239-BLK1	B170239-BLK1	Bromoform		U		Y	0.01	0.1	4
B170239-BLK1	B170239-BLK1	Bromomethane		U		Y	0.047	0.1	4
B170239-BLK1	B170239-BLK1	Carbon Disulfide		U		Y	0.051	0.15	4
B170239-BLK1	B170239-BLK1	Carbon Tetrachloride		U		Y	0.012	0.05	4
B170239-BLK1	B170239-BLK1	Chlorobenzene		U		Y	0.008	0.05	4
B170239-BLK1	B170239-BLK1	Chlorobenzene-D5	30			Y			4
B170239-BLK1	B170239-BLK1	Chloroethane		U		Y	0.014	0.1	4
B170239-BLK1	B170239-BLK1	Chloroform		U		Y	0.011	0.1	4
B170239-BLK1	B170239-BLK1	Chloromethane		U	UJ	Y	0.028	0.1	4
B170239-BLK1	B170239-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.0074	0.05	4
B170239-BLK1	B170239-BLK1	Cis-1,3-Dichloropropene		U		Y	0.006	0.025	4
B170239-BLK1	B170239-BLK1	Cymene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	Dibromochloromethane		U		Y	0.0052	0.025	4
B170239-BLK1	B170239-BLK1	Dibromomethane		U		Y	0.008	0.05	4
B170239-BLK1	B170239-BLK1	Dichlorodifluoromethane		U		Y	0.014	0.1	4
B170239-BLK1	B170239-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.011	0.1	4
B170239-BLK1	B170239-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.0048	0.025	4
B170239-BLK1	B170239-BLK1	Ethylbenzene		U		Y	0.0065	0.05	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170239-BLK1	B170239-BLK1	Hexachlorobutadiene		U		Y	0.029	0.05	4
B170239-BLK1	B170239-BLK1	Isopropyl Ether		U		Y	0.009	0.025	4
B170239-BLK1	B170239-BLK1	Isopropylbenzene (Cumene)		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	m,p-Xylene		U		Y	0.013	0.1	4
B170239-BLK1	B170239-BLK1	Methyl Acetate		U		Y	0.021	0.5	4
B170239-BLK1	B170239-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.12	1	4
B170239-BLK1	B170239-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.073	0.5	4
B170239-BLK1	B170239-BLK1	Methylcyclohexane		U		Y	0.032	0.05	4
B170239-BLK1	B170239-BLK1	Methylene Chloride		U		Y	0.16	0.25	4
B170239-BLK1	B170239-BLK1	Naphthalene		U		Y	0.006	0.1	4
B170239-BLK1	B170239-BLK1	N-Butylbenzene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	N-Propylbenzene		U		Y	0.0065	0.05	4
B170239-BLK1	B170239-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0066	0.05	4
B170239-BLK1	B170239-BLK1	p-Bromofluorobenzene	94.8			Y			4
B170239-BLK1	B170239-BLK1	Pentafluorobenzene	30			Y			4
B170239-BLK1	B170239-BLK1	Sec-Butylbenzene		U		Y	0.0065	0.05	4
B170239-BLK1	B170239-BLK1	Styrene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	T-Butylbenzene		U		Y	0.006	0.05	4
B170239-BLK1	B170239-BLK1	Tert-Butyl Alcohol		U		Y	0.11	1	4
B170239-BLK1	B170239-BLK1	Tert-Butyl Methyl Ether		U		Y	0.0045	0.05	4
B170239-BLK1	B170239-BLK1	Tetrachloroethylene (PCE)		U		Y	0.014	0.05	4
B170239-BLK1	B170239-BLK1	Tetrahydrofuran		U		Y	0.054	0.5	4
B170239-BLK1	B170239-BLK1	Toluene		U		Y	0.0085	0.05	4
B170239-BLK1	B170239-BLK1	Toluene-D8	99			Y			4
B170239-BLK1	B170239-BLK1	Trans-1,2-Dichloroethene		U		Y	0.0075	0.05	4
B170239-BLK1	B170239-BLK1	Trans-1,3-Dichloropropene		U		Y	0.0056	0.025	4
B170239-BLK1	B170239-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.016	0.1	4
B170239-BLK1	B170239-BLK1	Trichloroethylene (TCE)		U		Y	0.01	0.05	4
B170239-BLK1	B170239-BLK1	Trichlorofluoromethane		U		Y	0.0074	0.1	4
B170239-BLK1	B170239-BLK1	Vinyl Chloride		U		Y	0.0066	0.1	4
B170239-BS1	B170239-BS1	1,1,1,2-Tetrachloroethane	0.0117	D		Y	0.00013	0.0011	4
B170239-BS1	B170239-BS1	1,1,1-Trichloroethane	0.0105	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	1,1,2,2-Tetrachloroethane	0.0108	D		Y	0.00018	0.00057	4
B170239-BS1	B170239-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0121	D		Y	0.00022	0.0011	4
B170239-BS1	B170239-BS1	1,1,2-Trichloroethane	0.0113	D		Y	0.00027	0.0011	4
B170239-BS1	B170239-BS1	1,1-Dichloroethane	0.0109	D		Y	0.00018	0.0011	4
B170239-BS1	B170239-BS1	1,1-Dichloroethene	0.0133	D		Y	0.00024	0.0011	4
B170239-BS1	B170239-BS1	1,1-Dichloropropene	0.0112	D		Y	0.00015	0.0023	4
B170239-BS1	B170239-BS1	1,2,3-Trichlorobenzene	0.0107	D		Y	0.00016	0.0057	4
B170239-BS1	B170239-BS1	1,2,3-Trichloropropane	0.0106	D		Y	0.00024	0.0023	4
B170239-BS1	B170239-BS1	1,2,4-Trichlorobenzene	0.0111	D		Y	0.00022	0.0011	4
B170239-BS1	B170239-BS1	1,2,4-Trimethylbenzene	0.0113	D		Y	0.0002	0.0011	4
B170239-BS1	B170239-BS1	1,2-Dibromo-3-Chloropropane	0.00822	D		Y	0.00042	0.0057	4
B170239-BS1	B170239-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.011	D		Y	0.00017	0.00057	4
B170239-BS1	B170239-BS1	1,2-Dichlorobenzene	0.0115	D		Y	0.00019	0.0011	4
B170239-BS1	B170239-BS1	1,2-Dichloroethane	0.00935	D		Y	0.00022	0.0011	4
B170239-BS1	B170239-BS1	1,2-Dichloroethane-D4	97			Y			4
B170239-BS1	B170239-BS1	1,2-Dichloropropane	0.00945	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	1,3,5-Trichlorobenzene	0.0113	D		Y	0.00019	0.0011	4
B170239-BS1	B170239-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0109	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	1,3-Dichlorobenzene	0.0113	D		Y	0.00019	0.0011	4
B170239-BS1	B170239-BS1	1,3-Dichloropropane	0.0104	D		Y	0.00015	0.00057	4
B170239-BS1	B170239-BS1	1,4-Dichlorobenzene	0.0114	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	1,4-Dichlorobenzene-D4	30			Y			4
B170239-BS1	B170239-BS1	1,4-Difluorobenzene	30			Y			4
B170239-BS1	B170239-BS1	1,4-Dioxane (P-Dioxane)	0.105	D	J	Y	0.03	0.057	4
B170239-BS1	B170239-BS1	2,2-Dichloropropane	0.0098	D		Y	0.00024	0.0011	4
B170239-BS1	B170239-BS1	2-Chlorotoluene	0.0096	D		Y	0.00014	0.0011	4
B170239-BS1	B170239-BS1	2-Hexanone	0.0784	D		Y	0.0017	0.011	4
B170239-BS1	B170239-BS1	2-Methoxy-2-Methylbutane	0.00952	D		Y	0.00012	0.00057	4
B170239-BS1	B170239-BS1	4-Chlorotoluene	0.0103	D		Y	0.00016	0.0011	4
B170239-BS1	B170239-BS1	Acetone	0.0985	D		Y	0.0055	0.057	4
B170239-BS1	B170239-BS1	Acrylonitrile	0.0109	D		Y	0.00066	0.0057	4
B170239-BS1	B170239-BS1	Benzene	0.0115	D		Y	0.00014	0.0011	4
B170239-BS1	B170239-BS1	Bromobenzene	0.0104	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	Bromochloromethane	0.0107	D		Y	0.00025	0.0011	4
B170239-BS1	B170239-BS1	Bromodichloromethane	0.0108	D		Y	0.00033	0.0011	4
B170239-BS1	B170239-BS1	Bromoform	0.0102	D		Y	0.00024	0.0023	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170239-BS1	B170239-BS1	Bromomethane	0.00466	D		Y	0.0011	0.0023	4
B170239-BS1	B170239-BS1	Carbon Disulfide	0.0116	D		Y	0.0012	0.0034	4
B170239-BS1	B170239-BS1	Carbon Tetrachloride	0.0113	D		Y	0.00028	0.0011	4
B170239-BS1	B170239-BS1	Chlorobenzene	0.0114	D		Y	0.00018	0.0011	4
B170239-BS1	B170239-BS1	Chlorobenzene-D5	30			Y			4
B170239-BS1	B170239-BS1	Chloroethane	0.011	D		Y	0.00032	0.0023	4
B170239-BS1	B170239-BS1	Chloroform	0.0102	D		Y	0.00025	0.0023	4
B170239-BS1	B170239-BS1	Chloromethane	0.00294	D	J	Y	0.00063	0.0023	4
B170239-BS1	B170239-BS1	Cis-1,2-Dichloroethylene	0.00977	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	Cis-1,3-Dichloropropene	0.00946	D		Y	0.00014	0.00057	4
B170239-BS1	B170239-BS1	Cymene	0.0118	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	Dibromochloromethane	0.0124	D		Y	0.00012	0.00057	4
B170239-BS1	B170239-BS1	Dibromomethane	0.0112	D		Y	0.00018	0.0011	4
B170239-BS1	B170239-BS1	Dichlorodifluoromethane	0.00881	D		Y	0.00032	0.0023	4
B170239-BS1	B170239-BS1	Diethyl Ether (Ethyl Ether)	0.012	D		Y	0.00025	0.0023	4
B170239-BS1	B170239-BS1	Ethyl Tert-Butyl Ether	0.00951	D		Y	0.00011	0.00057	4
B170239-BS1	B170239-BS1	Ethylbenzene	0.0109	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	Hexachlorobutadiene	0.0114	D		Y	0.00067	0.0011	4
B170239-BS1	B170239-BS1	Isopropyl Ether	0.0086	D		Y	0.00021	0.00057	4
B170239-BS1	B170239-BS1	Isopropylbenzene (Cumene)	0.0116	D		Y	0.00014	0.0011	4
B170239-BS1	B170239-BS1	m,p-Xylene	0.0215	D		Y	0.00029	0.0023	4
B170239-BS1	B170239-BS1	Methyl Acetate		U		Y	0.00048	0.011	4
B170239-BS1	B170239-BS1	Methyl Ethyl Ketone (2-Butanone)	0.0832	D		Y	0.0027	0.023	4
B170239-BS1	B170239-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.0807	D		Y	0.0017	0.011	4
B170239-BS1	B170239-BS1	Methylcyclohexane	0.0115	D		Y	0.00071	0.0011	4
B170239-BS1	B170239-BS1	Methylene Chloride	0.0101	D		Y	0.0036	0.0057	4
B170239-BS1	B170239-BS1	Naphthalene	0.0101	D		Y	0.00014	0.0023	4
B170239-BS1	B170239-BS1	N-Butylbenzene	0.012	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	N-Propylbenzene	0.0112	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0109	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	p-Bromofluorobenzene	98.5			Y			4
B170239-BS1	B170239-BS1	Pentafluorobenzene	30			Y			4
B170239-BS1	B170239-BS1	Sec-Butylbenzene	0.0119	D		Y	0.00015	0.0011	4
B170239-BS1	B170239-BS1	Styrene	0.0105	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	T-Butylbenzene	0.0112	D		Y	0.00014	0.0011	4
B170239-BS1	B170239-BS1	Tert-Butyl Alcohol	0.0875	D		Y	0.0025	0.023	4
B170239-BS1	B170239-BS1	Tert-Butyl Methyl Ether	0.0103	D		Y	0.0001	0.0011	4
B170239-BS1	B170239-BS1	Tetrachloroethylene (PCE)	0.0108	D		Y	0.00031	0.0011	4
B170239-BS1	B170239-BS1	Tetrahydrofuran		U		Y	0.0012	0.011	4
B170239-BS1	B170239-BS1	Toluene	0.0106	D		Y	0.00019	0.0011	4
B170239-BS1	B170239-BS1	Toluene-D8	99.2			Y			4
B170239-BS1	B170239-BS1	Trans-1,2-Dichloroethene	0.0117	D		Y	0.00017	0.0011	4
B170239-BS1	B170239-BS1	Trans-1,3-Dichloropropene	0.0104	D		Y	0.00013	0.00057	4
B170239-BS1	B170239-BS1	Trans-1,4-Dichloro-2-Butene	0.0114	D		Y	0.00035	0.0023	4
B170239-BS1	B170239-BS1	Trichloroethylene (TCE)	0.0115	D		Y	0.00023	0.0011	4
B170239-BS1	B170239-BS1	Trichlorofluoromethane	0.0127	D		Y	0.00017	0.0023	4
B170239-BS1	B170239-BS1	Vinyl Chloride	0.0114	D		Y	0.00015	0.0023	4
B170239-BSD1	B170239-BSD1	1,1,1,2-Tetrachloroethane	0.011	D		Y	0.00013	0.0011	4
B170239-BSD1	B170239-BSD1	1,1,1-Trichloroethane	0.0105	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	1,1,2,2-Tetrachloroethane	0.0107	D		Y	0.00018	0.00057	4
B170239-BSD1	B170239-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0119	D		Y	0.00022	0.0011	4
B170239-BSD1	B170239-BSD1	1,1,2-Trichloroethane	0.0116	D		Y	0.00027	0.0011	4
B170239-BSD1	B170239-BSD1	1,1-Dichloroethane	0.0106	D		Y	0.00018	0.0011	4
B170239-BSD1	B170239-BSD1	1,1-Dichloroethene	0.0132	D		Y	0.00024	0.0011	4
B170239-BSD1	B170239-BSD1	1,1-Dichloropropene	0.0109	D		Y	0.00015	0.0023	4
B170239-BSD1	B170239-BSD1	1,2,3-Trichlorobenzene	0.0105	D		Y	0.00016	0.0057	4
B170239-BSD1	B170239-BSD1	1,2,3-Trichloropropane	0.0105	D		Y	0.00024	0.0023	4
B170239-BSD1	B170239-BSD1	1,2,4-Trichlorobenzene	0.0113	D		Y	0.00022	0.0011	4
B170239-BSD1	B170239-BSD1	1,2,4-Trimethylbenzene	0.0113	D		Y	0.0002	0.0011	4
B170239-BSD1	B170239-BSD1	1,2-Dibromo-3-Chloropropane	0.00794	D		Y	0.00042	0.0057	4
B170239-BSD1	B170239-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0109	D		Y	0.00017	0.00057	4
B170239-BSD1	B170239-BSD1	1,2-Dichlorobenzene	0.0116	D		Y	0.00019	0.0011	4
B170239-BSD1	B170239-BSD1	1,2-Dichloroethane	0.0097	D		Y	0.00022	0.0011	4
B170239-BSD1	B170239-BSD1	1,2-Dichloroethane-D4	96.1			Y			4
B170239-BSD1	B170239-BSD1	1,2-Dichloropropane	0.00942	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	1,3,5-Trichlorobenzene	0.0112	D		Y	0.00019	0.0011	4
B170239-BSD1	B170239-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0112	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	1,3-Dichlorobenzene	0.0115	D		Y	0.00019	0.0011	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170239-BSD1	B170239-BSD1	1,3-Dichloropropane	0.0107	D		Y	0.00015	0.00057	4
B170239-BSD1	B170239-BSD1	1,4-Dichlorobenzene	0.0114	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	1,4-Dichlorobenzene-D4	30			Y			4
B170239-BSD1	B170239-BSD1	1,4-Difluorobenzene	30			Y			4
B170239-BSD1	B170239-BSD1	1,4-Dioxane (P-Dioxane)	0.0919	D	J	Y	0.03	0.057	4
B170239-BSD1	B170239-BSD1	2,2-Dichloropropane	0.00962	D		Y	0.00024	0.0011	4
B170239-BSD1	B170239-BSD1	2-Chlorotoluene	0.00971	D		Y	0.00014	0.0011	4
B170239-BSD1	B170239-BSD1	2-Hexanone	0.0755	D		Y	0.0017	0.011	4
B170239-BSD1	B170239-BSD1	2-Methoxy-2-Methylbutane	0.00949	D		Y	0.00012	0.00057	4
B170239-BSD1	B170239-BSD1	4-Chlorotoluene	0.0104	D		Y	0.00016	0.0011	4
B170239-BSD1	B170239-BSD1	Acetone	0.0955	D		Y	0.0055	0.057	4
B170239-BSD1	B170239-BSD1	Acrylonitrile	0.0102	D		Y	0.00066	0.0057	4
B170239-BSD1	B170239-BSD1	Benzene	0.0114	D		Y	0.00014	0.0011	4
B170239-BSD1	B170239-BSD1	Bromobenzene	0.0106	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	Bromochloromethane	0.0109	D		Y	0.00025	0.0011	4
B170239-BSD1	B170239-BSD1	Bromodichloromethane	0.0103	D		Y	0.00033	0.0011	4
B170239-BSD1	B170239-BSD1	Bromoform	0.0103	D		Y	0.00024	0.0023	4
B170239-BSD1	B170239-BSD1	Bromomethane	0.00589	D		Y	0.0011	0.0023	4
B170239-BSD1	B170239-BSD1	Carbon Disulfide	0.0116	D		Y	0.0012	0.0034	4
B170239-BSD1	B170239-BSD1	Carbon Tetrachloride	0.0111	D		Y	0.00028	0.0011	4
B170239-BSD1	B170239-BSD1	Chlorobenzene	0.0116	D		Y	0.00018	0.0011	4
B170239-BSD1	B170239-BSD1	Chlorobenzene-D5	30			Y			4
B170239-BSD1	B170239-BSD1	Chloroethane	0.0111	D		Y	0.00032	0.0023	4
B170239-BSD1	B170239-BSD1	Chloroform	0.0103	D		Y	0.00025	0.0023	4
B170239-BSD1	B170239-BSD1	Chloromethane	0.00313	D	J	Y	0.00063	0.0023	4
B170239-BSD1	B170239-BSD1	Cis-1,2-Dichloroethylene	0.00985	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	Cis-1,3-Dichloropropene	0.00934	D		Y	0.00014	0.00057	4
B170239-BSD1	B170239-BSD1	Cymene	0.0119	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	Dibromochloromethane	0.0121	D		Y	0.00012	0.00057	4
B170239-BSD1	B170239-BSD1	Dibromomethane	0.0113	D		Y	0.00018	0.0011	4
B170239-BSD1	B170239-BSD1	Dichlorodifluoromethane	0.00862	D		Y	0.00032	0.0023	4
B170239-BSD1	B170239-BSD1	Diethyl Ether (Ethyl Ether)	0.0119	D		Y	0.00025	0.0023	4
B170239-BSD1	B170239-BSD1	Ethyl Tert-Butyl Ether	0.00959	D		Y	0.00011	0.00057	4
B170239-BSD1	B170239-BSD1	Ethylbenzene	0.0113	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	Hexachlorobutadiene	0.0113	D		Y	0.00067	0.0011	4
B170239-BSD1	B170239-BSD1	Isopropyl Ether	0.00877	D		Y	0.00021	0.00057	4
B170239-BSD1	B170239-BSD1	Isopropylbenzene (Cumene)	0.0118	D		Y	0.00014	0.0011	4
B170239-BSD1	B170239-BSD1	m,p-Xylene	0.0218	D		Y	0.00029	0.0023	4
B170239-BSD1	B170239-BSD1	Methyl Acetate		U		Y	0.00048	0.011	4
B170239-BSD1	B170239-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.084	D		Y	0.0027	0.023	4
B170239-BSD1	B170239-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.0793	D		Y	0.0017	0.011	4
B170239-BSD1	B170239-BSD1	Methylcyclohexane	0.0115	D		Y	0.00071	0.0011	4
B170239-BSD1	B170239-BSD1	Methylene Chloride	0.0102	D		Y	0.0036	0.0057	4
B170239-BSD1	B170239-BSD1	Naphthalene	0.00955	D		Y	0.00014	0.0023	4
B170239-BSD1	B170239-BSD1	N-Butylbenzene	0.0122	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	N-Propylbenzene	0.0115	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.011	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	p-Bromofluorobenzene	99			Y			4
B170239-BSD1	B170239-BSD1	Pentafluorobenzene	30			Y			4
B170239-BSD1	B170239-BSD1	Sec-Butylbenzene	0.012	D		Y	0.00015	0.0011	4
B170239-BSD1	B170239-BSD1	Styrene	0.0108	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	T-Butylbenzene	0.0114	D		Y	0.00014	0.0011	4
B170239-BSD1	B170239-BSD1	Tert-Butyl Alcohol	0.0851	D		Y	0.0025	0.023	4
B170239-BSD1	B170239-BSD1	Tert-Butyl Methyl Ether	0.0102	D		Y	0.0001	0.0011	4
B170239-BSD1	B170239-BSD1	Tetrachloroethylene (PCE)	0.0108	D		Y	0.00031	0.0011	4
B170239-BSD1	B170239-BSD1	Tetrahydrofuran		U		Y	0.0012	0.011	4
B170239-BSD1	B170239-BSD1	Toluene	0.011	D		Y	0.00019	0.0011	4
B170239-BSD1	B170239-BSD1	Toluene-D8	99.2			Y			4
B170239-BSD1	B170239-BSD1	Trans-1,2-Dichloroethene	0.0118	D		Y	0.00017	0.0011	4
B170239-BSD1	B170239-BSD1	Trans-1,3-Dichloropropene	0.0105	D		Y	0.00013	0.00057	4
B170239-BSD1	B170239-BSD1	Trans-1,4-Dichloro-2-Butene	0.0119	D		Y	0.00035	0.0023	4
B170239-BSD1	B170239-BSD1	Trichloroethylene (TCE)	0.0113	D		Y	0.00023	0.0011	4
B170239-BSD1	B170239-BSD1	Trichlorofluoromethane	0.0123	D		Y	0.00017	0.0023	4
B170239-BSD1	B170239-BSD1	Vinyl Chloride	0.0118	D		Y	0.00015	0.0023	4
B170319-BLK1	B170319-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.0018	0.002	4
B170319-BLK1	B170319-BLK1	1,1,1-Trichloroethane		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.0009	0.001	4
B170319-BLK1	B170319-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0009	0.01	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170319-BLK1	B170319-BLK1	1,1,2-Trichloroethane		U		Y	0.0012	0.002	4
B170319-BLK1	B170319-BLK1	1,1-Dichloroethane		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	1,1-Dichloroethene		U		Y	0.0011	0.004	4
B170319-BLK1	B170319-BLK1	1,1-Dichloropropene		U		Y	0.0009	0.002	4
B170319-BLK1	B170319-BLK1	1,2,3-Trichlorobenzene		U		Y	0.0006	0.002	4
B170319-BLK1	B170319-BLK1	1,2,3-Trichloropropane		U		Y	0.0011	0.002	4
B170319-BLK1	B170319-BLK1	1,2,4-Trichlorobenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	1,2,4-Trimethylbenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.0011	0.004	4
B170319-BLK1	B170319-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	1,2-Dichlorobenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	1,2-Dichloroethane		U		Y	0.0013	0.002	4
B170319-BLK1	B170319-BLK1	1,2-Dichloroethane-D4	100			Y			4
B170319-BLK1	B170319-BLK1	1,2-Dichloropropane		U		Y	0.0013	0.002	4
B170319-BLK1	B170319-BLK1	1,3,5-Trichlorobenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0006	0.002	4
B170319-BLK1	B170319-BLK1	1,3-Dichlorobenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	1,3-Dichloropropane		U		Y	0.0007	0.001	4
B170319-BLK1	B170319-BLK1	1,4-Dichlorobenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170319-BLK1	B170319-BLK1	1,4-Difluorobenzene	0.06			Y			4
B170319-BLK1	B170319-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.058	0.1	4
B170319-BLK1	B170319-BLK1	2,2-Dichloropropane		U		Y	0.0009	0.002	4
B170319-BLK1	B170319-BLK1	2-Chlorotoluene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	2-Hexanone		U		Y	0.011	0.02	4
B170319-BLK1	B170319-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.0007	0.001	4
B170319-BLK1	B170319-BLK1	4-Chlorotoluene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Acetone		U		Y	0.023	0.1	4
B170319-BLK1	B170319-BLK1	Acrylonitrile		U		Y	0.0025	0.006	4
B170319-BLK1	B170319-BLK1	Benzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	Bromobenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Bromochloromethane		U		Y	0.0014	0.002	4
B170319-BLK1	B170319-BLK1	Bromodichloromethane		U		Y	0.0006	0.002	4
B170319-BLK1	B170319-BLK1	Bromoform		U		Y	0.0014	0.002	4
B170319-BLK1	B170319-BLK1	Bromomethane		U		Y	0.0042	0.01	4
B170319-BLK1	B170319-BLK1	Carbon Disulfide		U		Y	0.0043	0.006	4
B170319-BLK1	B170319-BLK1	Carbon Tetrachloride		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Chlorobenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	Chlorobenzene-D5	0.06			Y			4
B170319-BLK1	B170319-BLK1	Chloroethane		U		Y	0.0015	0.02	4
B170319-BLK1	B170319-BLK1	Chloroform		U		Y	0.0007	0.004	4
B170319-BLK1	B170319-BLK1	Chloromethane		U		Y	0.0064	0.01	4
B170319-BLK1	B170319-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Cis-1,3-Dichloropropene		U		Y	0.0007	0.001	4
B170319-BLK1	B170319-BLK1	Cymene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Dibromochloromethane		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	Dibromomethane		U		Y	0.0006	0.002	4
B170319-BLK1	B170319-BLK1	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
B170319-BLK1	B170319-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.0018	0.02	4
B170319-BLK1	B170319-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.0006	0.001	4
B170319-BLK1	B170319-BLK1	Ethylbenzene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Hexachlorobutadiene		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	Isopropyl Ether		U		Y	0.0006	0.001	4
B170319-BLK1	B170319-BLK1	Isopropylbenzene (Cumene)		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	m,p-Xylene		U		Y	0.0017	0.004	4
B170319-BLK1	B170319-BLK1	Methyl Acetate		U		Y	0.0016	0.002	4
B170319-BLK1	B170319-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.018	0.04	4
B170319-BLK1	B170319-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0076	0.02	4
B170319-BLK1	B170319-BLK1	Methylcyclohexane		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	Methylene Chloride		U		Y	0.0071	0.02	4
B170319-BLK1	B170319-BLK1	Naphthalene		U		Y	0.0007	0.004	4
B170319-BLK1	B170319-BLK1	N-Butylbenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	N-Propylbenzene		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0007	0.002	4
B170319-BLK1	B170319-BLK1	p-Bromofluorobenzene	99.5			Y			4
B170319-BLK1	B170319-BLK1	Pentafluorobenzene	0.06			Y			4
B170319-BLK1	B170319-BLK1	Sec-Butylbenzene		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	Styrene		U		Y	0.0006	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170319-BLK1	B170319-BLK1	T-Butylbenzene		U		Y	0.0009	0.002	4
B170319-BLK1	B170319-BLK1	Tert-Butyl Alcohol		U	UJ	Y	0.021	0.04	4
B170319-BLK1	B170319-BLK1	Tert-Butyl Methyl Ether		U		Y	0.0009	0.004	4
B170319-BLK1	B170319-BLK1	Tetrachloroethylene (PCE)		U		Y	0.0013	0.002	4
B170319-BLK1	B170319-BLK1	Tetrahydrofuran		U		Y	0.0022	0.01	4
B170319-BLK1	B170319-BLK1	Toluene		U		Y	0.0008	0.002	4
B170319-BLK1	B170319-BLK1	Toluene-D8	100			Y			4
B170319-BLK1	B170319-BLK1	Trans-1,2-Dichloroethene		U		Y	0.0009	0.002	4
B170319-BLK1	B170319-BLK1	Trans-1,3-Dichloropropene		U		Y	0.0007	0.001	4
B170319-BLK1	B170319-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.0021	0.004	4
B170319-BLK1	B170319-BLK1	Trichloroethylene (TCE)		U		Y	0.001	0.002	4
B170319-BLK1	B170319-BLK1	Trichlorofluoromethane		U		Y	0.0011	0.01	4
B170319-BLK1	B170319-BLK1	Vinyl Chloride		U		Y	0.0011	0.01	4
B170319-BS1	B170319-BS1	1,1,1,2-Tetrachloroethane	0.0239			Y	0.0018	0.002	4
B170319-BS1	B170319-BS1	1,1,1-Trichloroethane	0.0211			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	1,1,2,2-Tetrachloroethane	0.0215			Y	0.0009	0.001	4
B170319-BS1	B170319-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0218			Y	0.0009	0.01	4
B170319-BS1	B170319-BS1	1,1,2-Trichloroethane	0.0223			Y	0.0012	0.002	4
B170319-BS1	B170319-BS1	1,1-Dichloroethane	0.0217			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	1,1-Dichloroethene	0.0221			Y	0.0011	0.004	4
B170319-BS1	B170319-BS1	1,1-Dichloropropene	0.0205			Y	0.0009	0.002	4
B170319-BS1	B170319-BS1	1,2,3-Trichlorobenzene	0.022			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	1,2,3-Trichloropropane	0.0215			Y	0.0011	0.002	4
B170319-BS1	B170319-BS1	1,2,4-Trichlorobenzene	0.021			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	1,2,4-Trimethylbenzene	0.0215			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	1,2-Dibromo-3-Chloropropane	0.0213			Y	0.0011	0.004	4
B170319-BS1	B170319-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0229			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	1,2-Dichlorobenzene	0.0232			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	1,2-Dichloroethane	0.0238			Y	0.0013	0.002	4
B170319-BS1	B170319-BS1	1,2-Dichloroethane-D4	102			Y			4
B170319-BS1	B170319-BS1	1,2-Dichloropropane	0.0229			Y	0.0013	0.002	4
B170319-BS1	B170319-BS1	1,3,5-Trichlorobenzene	0.021			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0237			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	1,3-Dichlorobenzene	0.0229			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	1,3-Dichloropropane	0.0212			Y	0.0007	0.001	4
B170319-BS1	B170319-BS1	1,4-Dichlorobenzene	0.0223			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170319-BS1	B170319-BS1	1,4-Difluorobenzene	0.06			Y			4
B170319-BS1	B170319-BS1	1,4-Dioxane (P-Dioxane)	0.217		J	Y	0.058	0.1	4
B170319-BS1	B170319-BS1	2,2-Dichloropropane	0.0163			Y	0.0009	0.002	4
B170319-BS1	B170319-BS1	2-Chlorotoluene	0.024			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	2-Hexanone	0.239			Y	0.011	0.02	4
B170319-BS1	B170319-BS1	2-Methoxy-2-Methylbutane	0.0186			Y	0.0007	0.001	4
B170319-BS1	B170319-BS1	4-Chlorotoluene	0.0231			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Acetone	0.205			Y	0.023	0.1	4
B170319-BS1	B170319-BS1	Acrylonitrile	0.0212			Y	0.0025	0.006	4
B170319-BS1	B170319-BS1	Benzene	0.0212			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	Bromobenzene	0.0221			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Bromochloromethane	0.0277			Y	0.0014	0.002	4
B170319-BS1	B170319-BS1	Bromodichloromethane	0.0239			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	Bromoform	0.0246			Y	0.0014	0.002	4
B170319-BS1	B170319-BS1	Bromomethane	0.0156			Y	0.0042	0.01	4
B170319-BS1	B170319-BS1	Carbon Disulfide	0.0228			Y	0.0043	0.006	4
B170319-BS1	B170319-BS1	Carbon Tetrachloride	0.0211			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Chlorobenzene	0.0237			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	Chlorobenzene-D5	0.06			Y			4
B170319-BS1	B170319-BS1	Chloroethane		U		Y	0.0015	0.02	4
B170319-BS1	B170319-BS1	Chloroform	0.0221			Y	0.0007	0.004	4
B170319-BS1	B170319-BS1	Chloromethane	0.0249			Y	0.0064	0.01	4
B170319-BS1	B170319-BS1	Cis-1,2-Dichloroethylene	0.02			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Cis-1,3-Dichloropropene	0.0198			Y	0.0007	0.001	4
B170319-BS1	B170319-BS1	Cymene	0.0223			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Dibromochloromethane	0.0257			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	Dibromomethane	0.0227			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	Dichlorodifluoromethane	0.021			Y	0.0013	0.02	4
B170319-BS1	B170319-BS1	Diethyl Ether (Ethyl Ether)	0.0204			Y	0.0018	0.02	4
B170319-BS1	B170319-BS1	Ethyl Tert-Butyl Ether	0.0202			Y	0.0006	0.001	4
B170319-BS1	B170319-BS1	Ethylbenzene	0.0234			Y	0.0008	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170319-BS1	B170319-BS1	Hexachlorobutadiene	0.0254			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	Isopropyl Ether	0.0233			Y	0.0006	0.001	4
B170319-BS1	B170319-BS1	Isopropylbenzene (Cumene)	0.0256			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	m,p-Xylene	0.047			Y	0.0017	0.004	4
B170319-BS1	B170319-BS1	Methyl Acetate	0.029			Y	0.0016	0.002	4
B170319-BS1	B170319-BS1	Methyl Ethyl Ketone (2-Butanone)	0.223			Y	0.018	0.04	4
B170319-BS1	B170319-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.237			Y	0.0076	0.02	4
B170319-BS1	B170319-BS1	Methylcyclohexane	0.0216			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	Methylene Chloride	0.0241			Y	0.0071	0.02	4
B170319-BS1	B170319-BS1	Naphthalene	0.0203			Y	0.0007	0.004	4
B170319-BS1	B170319-BS1	N-Butylbenzene	0.022			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	N-Propylbenzene	0.024			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0231			Y	0.0007	0.002	4
B170319-BS1	B170319-BS1	p-Bromofluorobenzene	99			Y			4
B170319-BS1	B170319-BS1	Pentafluorobenzene	0.06			Y			4
B170319-BS1	B170319-BS1	Sec-Butylbenzene	0.0235			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	Styrene	0.0232			Y	0.0006	0.002	4
B170319-BS1	B170319-BS1	T-Butylbenzene	0.0223			Y	0.0009	0.002	4
B170319-BS1	B170319-BS1	Tert-Butyl Alcohol	0.116		J	Y	0.021	0.04	4
B170319-BS1	B170319-BS1	Tert-Butyl Methyl Ether	0.0156			Y	0.0009	0.004	4
B170319-BS1	B170319-BS1	Tetrachloroethylene (PCE)	0.0256			Y	0.0013	0.002	4
B170319-BS1	B170319-BS1	Tetrahydrofuran	0.0194			Y	0.0022	0.01	4
B170319-BS1	B170319-BS1	Toluene	0.0229			Y	0.0008	0.002	4
B170319-BS1	B170319-BS1	Toluene-D8	102			Y			4
B170319-BS1	B170319-BS1	Trans-1,2-Dichloroethene	0.0244			Y	0.0009	0.002	4
B170319-BS1	B170319-BS1	Trans-1,3-Dichloropropene	0.0207			Y	0.0007	0.001	4
B170319-BS1	B170319-BS1	Trans-1,4-Dichloro-2-Butene	0.0219			Y	0.0021	0.004	4
B170319-BS1	B170319-BS1	Trichloroethylene (TCE)	0.0228			Y	0.001	0.002	4
B170319-BS1	B170319-BS1	Trichlorofluoromethane	0.0241			Y	0.0011	0.01	4
B170319-BS1	B170319-BS1	Vinyl Chloride	0.0199			Y	0.0011	0.01	4
B170319-BSD1	B170319-BSD1	1,1,1,2-Tetrachloroethane	0.0245			Y	0.0018	0.002	4
B170319-BSD1	B170319-BSD1	1,1,1-Trichloroethane	0.021			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	1,1,2,2-Tetrachloroethane	0.0222			Y	0.0009	0.001	4
B170319-BSD1	B170319-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0212			Y	0.0009	0.01	4
B170319-BSD1	B170319-BSD1	1,1,2-Trichloroethane	0.0228			Y	0.0012	0.002	4
B170319-BSD1	B170319-BSD1	1,1-Dichloroethane	0.0217			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	1,1-Dichloroethene	0.0215			Y	0.0011	0.004	4
B170319-BSD1	B170319-BSD1	1,1-Dichloropropene	0.0209			Y	0.0009	0.002	4
B170319-BSD1	B170319-BSD1	1,2,3-Trichlorobenzene	0.0236			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	1,2,3-Trichloropropane	0.0219			Y	0.0011	0.002	4
B170319-BSD1	B170319-BSD1	1,2,4-Trichlorobenzene	0.022			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	1,2,4-Trimethylbenzene	0.0218			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	1,2-Dibromo-3-Chloropropane	0.0209			Y	0.0011	0.004	4
B170319-BSD1	B170319-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0224			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	1,2-Dichlorobenzene	0.024			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	1,2-Dichloroethane	0.0239			Y	0.0013	0.002	4
B170319-BSD1	B170319-BSD1	1,2-Dichloroethane-D4	99.6			Y			4
B170319-BSD1	B170319-BSD1	1,2-Dichloropropane	0.0232			Y	0.0013	0.002	4
B170319-BSD1	B170319-BSD1	1,3,5-Trichlorobenzene	0.0222			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0253			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	1,3-Dichlorobenzene	0.0239			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	1,3-Dichloropropane	0.0221			Y	0.0007	0.001	4
B170319-BSD1	B170319-BSD1	1,4-Dichlorobenzene	0.024			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170319-BSD1	B170319-BSD1	1,4-Difluorobenzene	0.06			Y			4
B170319-BSD1	B170319-BSD1	1,4-Dioxane (P-Dioxane)	0.228		J	Y	0.058	0.1	4
B170319-BSD1	B170319-BSD1	2,2-Dichloropropane	0.0161			Y	0.0009	0.002	4
B170319-BSD1	B170319-BSD1	2-Chlorotoluene	0.0251			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	2-Hexanone	0.249			Y	0.011	0.02	4
B170319-BSD1	B170319-BSD1	2-Methoxy-2-Methylbutane	0.0185			Y	0.0007	0.001	4
B170319-BSD1	B170319-BSD1	4-Chlorotoluene	0.0241			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Acetone	0.211			Y	0.023	0.1	4
B170319-BSD1	B170319-BSD1	Acrylonitrile	0.0214			Y	0.0025	0.006	4
B170319-BSD1	B170319-BSD1	Benzene	0.0213			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	Bromobenzene	0.0233			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Bromochloromethane	0.0282			Y	0.0014	0.002	4
B170319-BSD1	B170319-BSD1	Bromodichloromethane	0.0241			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	Bromoform	0.0248			Y	0.0014	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170319-BSD1	B170319-BSD1	Bromomethane	0.0159			Y	0.0042	0.01	4
B170319-BSD1	B170319-BSD1	Carbon Disulfide	0.0222			Y	0.0043	0.006	4
B170319-BSD1	B170319-BSD1	Carbon Tetrachloride	0.021			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Chlorobenzene	0.0246			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	Chlorobenzene-D5	0.06			Y			4
B170319-BSD1	B170319-BSD1	Chloroethane		U		Y	0.0015	0.02	4
B170319-BSD1	B170319-BSD1	Chloroform	0.0221			Y	0.0007	0.004	4
B170319-BSD1	B170319-BSD1	Chloromethane	0.0241			Y	0.0064	0.01	4
B170319-BSD1	B170319-BSD1	Cis-1,2-Dichloroethylene	0.0201			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Cis-1,3-Dichloropropene	0.0201			Y	0.0007	0.001	4
B170319-BSD1	B170319-BSD1	Cymene	0.0235			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Dibromochloromethane	0.0258			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	Dibromomethane	0.0236			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	Dichlorodifluoromethane	0.021			Y	0.0013	0.02	4
B170319-BSD1	B170319-BSD1	Diethyl Ether (Ethyl Ether)		U		Y	0.0018	0.02	4
B170319-BSD1	B170319-BSD1	Ethyl Tert-Butyl Ether	0.0207			Y	0.0006	0.001	4
B170319-BSD1	B170319-BSD1	Ethylbenzene	0.0238			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Hexachlorobutadiene	0.0253			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	Isopropyl Ether	0.0235			Y	0.0006	0.001	4
B170319-BSD1	B170319-BSD1	Isopropylbenzene (Cumene)	0.0266			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	m,p-Xylene	0.0487			Y	0.0017	0.004	4
B170319-BSD1	B170319-BSD1	Methyl Acetate	0.029			Y	0.0016	0.002	4
B170319-BSD1	B170319-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.229			Y	0.018	0.04	4
B170319-BSD1	B170319-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.243			Y	0.0076	0.02	4
B170319-BSD1	B170319-BSD1	Methylcyclohexane	0.0217			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	Methylene Chloride	0.0237			Y	0.0071	0.02	4
B170319-BSD1	B170319-BSD1	Naphthalene	0.0218			Y	0.0007	0.004	4
B170319-BSD1	B170319-BSD1	N-Butylbenzene	0.0233			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	N-Propylbenzene	0.0248			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0236			Y	0.0007	0.002	4
B170319-BSD1	B170319-BSD1	p-Bromofluorobenzene	102			Y			4
B170319-BSD1	B170319-BSD1	Pentafluorobenzene	0.06			Y			4
B170319-BSD1	B170319-BSD1	Sec-Butylbenzene	0.0241			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	Styrene	0.0238			Y	0.0006	0.002	4
B170319-BSD1	B170319-BSD1	T-Butylbenzene	0.0234			Y	0.0009	0.002	4
B170319-BSD1	B170319-BSD1	Tert-Butyl Alcohol	0.111		J	Y	0.021	0.04	4
B170319-BSD1	B170319-BSD1	Tert-Butyl Methyl Ether	0.0161			Y	0.0009	0.004	4
B170319-BSD1	B170319-BSD1	Tetrachloroethylene (PCE)	0.0258			Y	0.0013	0.002	4
B170319-BSD1	B170319-BSD1	Tetrahydrofuran	0.022			Y	0.0022	0.01	4
B170319-BSD1	B170319-BSD1	Toluene	0.0236			Y	0.0008	0.002	4
B170319-BSD1	B170319-BSD1	Toluene-D8	103			Y			4
B170319-BSD1	B170319-BSD1	Trans-1,2-Dichloroethene	0.0243			Y	0.0009	0.002	4
B170319-BSD1	B170319-BSD1	Trans-1,3-Dichloropropene	0.0205			Y	0.0007	0.001	4
B170319-BSD1	B170319-BSD1	Trans-1,4-Dichloro-2-Butene	0.0222			Y	0.0021	0.004	4
B170319-BSD1	B170319-BSD1	Trichloroethylene (TCE)	0.0232			Y	0.001	0.002	4
B170319-BSD1	B170319-BSD1	Trichlorofluoromethane	0.0234			Y	0.0011	0.01	4
B170319-BSD1	B170319-BSD1	Vinyl Chloride	0.019			Y	0.0011	0.01	4
B170370-BLK1	B170370-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.0018	0.002	4
B170370-BLK1	B170370-BLK1	1,1,1-Trichloroethane		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.0009	0.001	4
B170370-BLK1	B170370-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0009	0.01	4
B170370-BLK1	B170370-BLK1	1,1,2-Trichloroethane		U		Y	0.0012	0.002	4
B170370-BLK1	B170370-BLK1	1,1-Dichloroethane		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	1,1-Dichloroethene		U		Y	0.0011	0.004	4
B170370-BLK1	B170370-BLK1	1,1-Dichloropropene		U		Y	0.0009	0.002	4
B170370-BLK1	B170370-BLK1	1,2,3-Trichlorobenzene		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	1,2,3-Trichloropropane		U		Y	0.0011	0.002	4
B170370-BLK1	B170370-BLK1	1,2,4-Trichlorobenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	1,2,4-Trimethylbenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.0011	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dichlorobenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dichloroethane		U		Y	0.0013	0.002	4
B170370-BLK1	B170370-BLK1	1,2-Dichloroethane-D4	95.2			Y			4
B170370-BLK1	B170370-BLK1	1,2-Dichloropropane		U		Y	0.0013	0.002	4
B170370-BLK1	B170370-BLK1	1,3,5-Trichlorobenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	1,3-Dichlorobenzene		U		Y	0.0007	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170370-BLK1	B170370-BLK1	1,3-Dichloropropane		U		Y	0.0007	0.001	4
B170370-BLK1	B170370-BLK1	1,4-Dichlorobenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170370-BLK1	B170370-BLK1	1,4-Difluorobenzene	0.06			Y			4
B170370-BLK1	B170370-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	0.058	0.1	4
B170370-BLK1	B170370-BLK1	2,2-Dichloropropane		U		Y	0.0009	0.002	4
B170370-BLK1	B170370-BLK1	2-Chlorotoluene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	2-Hexanone		U		Y	0.011	0.02	4
B170370-BLK1	B170370-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.0007	0.001	4
B170370-BLK1	B170370-BLK1	4-Chlorotoluene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Acetone		U		Y	0.023	0.1	4
B170370-BLK1	B170370-BLK1	Acrylonitrile		U		Y	0.0025	0.006	4
B170370-BLK1	B170370-BLK1	Benzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	Bromobenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Bromochloromethane		U		Y	0.0014	0.002	4
B170370-BLK1	B170370-BLK1	Bromodichloromethane		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	Bromoforn		U		Y	0.0014	0.002	4
B170370-BLK1	B170370-BLK1	Bromomethane		U		Y	0.0042	0.01	4
B170370-BLK1	B170370-BLK1	Carbon Disulfide		U		Y	0.0043	0.006	4
B170370-BLK1	B170370-BLK1	Carbon Tetrachloride		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Chlorobenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	Chlorobenzene-D5	0.06			Y			4
B170370-BLK1	B170370-BLK1	Chloroethane		U		Y	0.0015	0.02	4
B170370-BLK1	B170370-BLK1	Chloroform		U		Y	0.0007	0.004	4
B170370-BLK1	B170370-BLK1	Chloromethane		U		Y	0.0064	0.01	4
B170370-BLK1	B170370-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Cis-1,3-Dichloropropene		U		Y	0.0007	0.001	4
B170370-BLK1	B170370-BLK1	Cymene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Dibromochloromethane		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	Dibromomethane		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
B170370-BLK1	B170370-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.0018	0.02	4
B170370-BLK1	B170370-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.0006	0.001	4
B170370-BLK1	B170370-BLK1	Ethylbenzene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Hexachlorobutadiene		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	Isopropyl Ether		U		Y	0.0006	0.001	4
B170370-BLK1	B170370-BLK1	Isopropylbenzene (Cumene)		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	m,p-Xylene		U		Y	0.0017	0.004	4
B170370-BLK1	B170370-BLK1	Methyl Acetate		U		Y	0.0016	0.002	4
B170370-BLK1	B170370-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.018	0.04	4
B170370-BLK1	B170370-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.0076	0.02	4
B170370-BLK1	B170370-BLK1	Methylcyclohexane		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	Methylene Chloride		U		Y	0.0071	0.02	4
B170370-BLK1	B170370-BLK1	Naphthalene		U		Y	0.0007	0.004	4
B170370-BLK1	B170370-BLK1	N-Butylbenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	N-Propylbenzene		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0007	0.002	4
B170370-BLK1	B170370-BLK1	p-Bromofluorobenzene	97.2			Y			4
B170370-BLK1	B170370-BLK1	Pentafluorobenzene	0.06			Y			4
B170370-BLK1	B170370-BLK1	Sec-Butylbenzene		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	Styrene		U		Y	0.0006	0.002	4
B170370-BLK1	B170370-BLK1	T-Butylbenzene		U		Y	0.0009	0.002	4
B170370-BLK1	B170370-BLK1	Tert-Butyl Alcohol		U	UJ	Y	0.021	0.04	4
B170370-BLK1	B170370-BLK1	Tert-Butyl Methyl Ether		U		Y	0.0009	0.004	4
B170370-BLK1	B170370-BLK1	Tetrachloroethylene (PCE)		U		Y	0.0013	0.002	4
B170370-BLK1	B170370-BLK1	Tetrahydrofuran		U		Y	0.0022	0.01	4
B170370-BLK1	B170370-BLK1	Toluene		U		Y	0.0008	0.002	4
B170370-BLK1	B170370-BLK1	Toluene-D8	102			Y			4
B170370-BLK1	B170370-BLK1	Trans-1,2-Dichloroethene		U		Y	0.0009	0.002	4
B170370-BLK1	B170370-BLK1	Trans-1,3-Dichloropropene		U		Y	0.0007	0.001	4
B170370-BLK1	B170370-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.0021	0.004	4
B170370-BLK1	B170370-BLK1	Trichloroethylene (TCE)		U		Y	0.001	0.002	4
B170370-BLK1	B170370-BLK1	Trichlorofluoromethane		U		Y	0.0011	0.01	4
B170370-BLK1	B170370-BLK1	Vinyl Chloride		U		Y	0.0011	0.01	4
B170370-BS1	B170370-BS1	1,1,1,2-Tetrachloroethane	0.0231			Y	0.0018	0.002	4
B170370-BS1	B170370-BS1	1,1,1-Trichloroethane	0.0217			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	1,1,2,2-Tetrachloroethane	0.019			Y	0.0009	0.001	4
B170370-BS1	B170370-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0231			Y	0.0009	0.01	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170370-BS1	B170370-BS1	1,1,2-Trichloroethane	0.0215			Y	0.0012	0.002	4
B170370-BS1	B170370-BS1	1,1-Dichloroethane	0.0226			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	1,1-Dichloroethene	0.0229			Y	0.0011	0.004	4
B170370-BS1	B170370-BS1	1,1-Dichloropropene	0.0212			Y	0.0009	0.002	4
B170370-BS1	B170370-BS1	1,2,3-Trichlorobenzene	0.0202			Y	0.0006	0.002	4
B170370-BS1	B170370-BS1	1,2,3-Trichloropropane	0.0192			Y	0.0011	0.002	4
B170370-BS1	B170370-BS1	1,2,4-Trichlorobenzene	0.0197			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	1,2,4-Trimethylbenzene	0.0207			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	1,2-Dibromo-3-Chloropropane	0.0187			Y	0.0011	0.002	4
B170370-BS1	B170370-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0221			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	1,2-Dichlorobenzene	0.0223			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	1,2-Dichloroethane	0.0233			Y	0.0013	0.002	4
B170370-BS1	B170370-BS1	1,2-Dichloroethane-D4	97.1			Y			4
B170370-BS1	B170370-BS1	1,2-Dichloropropane	0.022			Y	0.0013	0.002	4
B170370-BS1	B170370-BS1	1,3,5-Trichlorobenzene	0.0212			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0227			Y	0.0006	0.002	4
B170370-BS1	B170370-BS1	1,3-Dichlorobenzene	0.0222			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	1,3-Dichloropropane	0.0207			Y	0.0007	0.001	4
B170370-BS1	B170370-BS1	1,4-Dichlorobenzene	0.0223			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170370-BS1	B170370-BS1	1,4-Difluorobenzene	0.06			Y			4
B170370-BS1	B170370-BS1	1,4-Dioxane (P-Dioxane)	0.194		J	Y	0.058	0.1	4
B170370-BS1	B170370-BS1	2,2-Dichloropropane	0.0179			Y	0.0009	0.002	4
B170370-BS1	B170370-BS1	2-Chlorotoluene	0.0231			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	2-Hexanone	0.234			Y	0.011	0.02	4
B170370-BS1	B170370-BS1	2-Methoxy-2-Methylbutane	0.0182			Y	0.0007	0.001	4
B170370-BS1	B170370-BS1	4-Chlorotoluene	0.0217			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Acetone	0.212			Y	0.023	0.1	4
B170370-BS1	B170370-BS1	Acrylonitrile	0.0207			Y	0.0025	0.006	4
B170370-BS1	B170370-BS1	Benzene	0.0211			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	Bromobenzene	0.0203			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Bromochloromethane	0.0267			Y	0.0014	0.002	4
B170370-BS1	B170370-BS1	Bromodichloromethane	0.0226			Y	0.0006	0.002	4
B170370-BS1	B170370-BS1	Bromoform	0.024			Y	0.0014	0.002	4
B170370-BS1	B170370-BS1	Bromomethane	0.0152			Y	0.0042	0.01	4
B170370-BS1	B170370-BS1	Carbon Disulfide	0.024			Y	0.0043	0.006	4
B170370-BS1	B170370-BS1	Carbon Tetrachloride	0.0218			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Chlorobenzene	0.0228			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	Chlorobenzene-D5	0.06			Y			4
B170370-BS1	B170370-BS1	Chloroethane	0.0203			Y	0.0015	0.02	4
B170370-BS1	B170370-BS1	Chloroform	0.0208			Y	0.0007	0.004	4
B170370-BS1	B170370-BS1	Chloromethane	0.0226			Y	0.0064	0.01	4
B170370-BS1	B170370-BS1	Cis-1,2-Dichloroethylene	0.0203			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Cis-1,3-Dichloropropene	0.0203			Y	0.0007	0.001	4
B170370-BS1	B170370-BS1	Cymene	0.0224			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Dibromochloromethane	0.0245			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	Dibromomethane	0.0215			Y	0.0006	0.002	4
B170370-BS1	B170370-BS1	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
B170370-BS1	B170370-BS1	Diethyl Ether (Ethyl Ether)	0.0218			Y	0.0018	0.02	4
B170370-BS1	B170370-BS1	Ethyl Tert-Butyl Ether	0.0204			Y	0.0006	0.001	4
B170370-BS1	B170370-BS1	Ethylbenzene	0.0224			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Hexachlorobutadiene	0.0248			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	Isopropyl Ether	0.0232			Y	0.0006	0.001	4
B170370-BS1	B170370-BS1	Isopropylbenzene (Cumene)	0.0245			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	m,p-Xylene	0.0453			Y	0.0017	0.004	4
B170370-BS1	B170370-BS1	Methyl Acetate	0.0284			Y	0.0016	0.002	4
B170370-BS1	B170370-BS1	Methyl Ethyl Ketone (2-Butanone)	0.221			Y	0.018	0.04	4
B170370-BS1	B170370-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.233			Y	0.0076	0.02	4
B170370-BS1	B170370-BS1	Methylcyclohexane	0.0223			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	Methylene Chloride	0.0251			Y	0.0071	0.02	4
B170370-BS1	B170370-BS1	Naphthalene	0.0183			Y	0.0007	0.004	4
B170370-BS1	B170370-BS1	N-Butylbenzene	0.0219			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	N-Propylbenzene	0.0228			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0219			Y	0.0007	0.002	4
B170370-BS1	B170370-BS1	p-Bromofluorobenzene	99			Y			4
B170370-BS1	B170370-BS1	Pentafluorobenzene	0.06			Y			4
B170370-BS1	B170370-BS1	Sec-Butylbenzene	0.0226			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	Styrene	0.0214			Y	0.0006	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170370-BS1	B170370-BS1	T-Butylbenzene	0.0218			Y	0.0009	0.002	4
B170370-BS1	B170370-BS1	Tert-Butyl Alcohol	0.111		J	Y	0.021	0.04	4
B170370-BS1	B170370-BS1	Tert-Butyl Methyl Ether	0.0152			Y	0.0009	0.004	4
B170370-BS1	B170370-BS1	Tetrachloroethylene (PCE)	0.0258			Y	0.0013	0.002	4
B170370-BS1	B170370-BS1	Tetrahydrofuran	0.0204			Y	0.0022	0.01	4
B170370-BS1	B170370-BS1	Toluene	0.0229			Y	0.0008	0.002	4
B170370-BS1	B170370-BS1	Toluene-D8	102			Y			4
B170370-BS1	B170370-BS1	Trans-1,2-Dichloroethene	0.0252			Y	0.0009	0.002	4
B170370-BS1	B170370-BS1	Trans-1,3-Dichloropropene	0.0212			Y	0.0007	0.001	4
B170370-BS1	B170370-BS1	Trans-1,4-Dichloro-2-Butene	0.0205			Y	0.0021	0.004	4
B170370-BS1	B170370-BS1	Trichloroethylene (TCE)	0.0228			Y	0.001	0.002	4
B170370-BS1	B170370-BS1	Trichlorofluoromethane	0.025			Y	0.0011	0.01	4
B170370-BS1	B170370-BS1	Vinyl Chloride	0.0198			Y	0.0011	0.01	4
B170370-BSD1	B170370-BSD1	1,1,1,2-Tetrachloroethane	0.025			Y	0.0018	0.002	4
B170370-BSD1	B170370-BSD1	1,1,1-Trichloroethane	0.0205			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	1,1,2,2-Tetrachloroethane	0.0215			Y	0.0009	0.001	4
B170370-BSD1	B170370-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0218			Y	0.0009	0.01	4
B170370-BSD1	B170370-BSD1	1,1,2-Trichloroethane	0.0207			Y	0.0012	0.002	4
B170370-BSD1	B170370-BSD1	1,1-Dichloroethane	0.0213			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	1,1-Dichloroethene	0.0222			Y	0.0011	0.004	4
B170370-BSD1	B170370-BSD1	1,1-Dichloropropene	0.0208			Y	0.0009	0.002	4
B170370-BSD1	B170370-BSD1	1,2,3-Trichlorobenzene	0.0206			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	1,2,3-Trichloropropane	0.02			Y	0.0011	0.002	4
B170370-BSD1	B170370-BSD1	1,2,4-Trichlorobenzene	0.0202			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	1,2,4-Trimethylbenzene	0.0214			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dibromo-3-Chloropropane	0.0199			Y	0.0011	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0221			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dichlorobenzene	0.0227			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dichloroethane	0.0225			Y	0.0013	0.002	4
B170370-BSD1	B170370-BSD1	1,2-Dichloroethane-D4	96.3			Y			4
B170370-BSD1	B170370-BSD1	1,2-Dichloropropane	0.022			Y	0.0013	0.002	4
B170370-BSD1	B170370-BSD1	1,3,5-Trichlorobenzene	0.0225			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0239			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	1,3-Dichlorobenzene	0.0232			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	1,3-Dichloropropane	0.0212			Y	0.0007	0.001	4
B170370-BSD1	B170370-BSD1	1,4-Dichlorobenzene	0.0229			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	1,4-Dichlorobenzene-D4	0.06			Y			4
B170370-BSD1	B170370-BSD1	1,4-Difluorobenzene	0.06			Y			4
B170370-BSD1	B170370-BSD1	1,4-Dioxane (P-Dioxane)	0.196		J	Y	0.058	0.1	4
B170370-BSD1	B170370-BSD1	2,2-Dichloropropane	0.0173			Y	0.0009	0.002	4
B170370-BSD1	B170370-BSD1	2-Chlorotoluene	0.0242			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	2-Hexanone	0.242			Y	0.011	0.02	4
B170370-BSD1	B170370-BSD1	2-Methoxy-2-Methylbutane	0.0178			Y	0.0007	0.001	4
B170370-BSD1	B170370-BSD1	4-Chlorotoluene	0.0231			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Acetone	0.226			Y	0.023	0.1	4
B170370-BSD1	B170370-BSD1	Acrylonitrile	0.0208			Y	0.0025	0.006	4
B170370-BSD1	B170370-BSD1	Benzene	0.0205			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	Bromobenzene	0.0215			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Bromochloromethane	0.0256			Y	0.0014	0.002	4
B170370-BSD1	B170370-BSD1	Bromodichloromethane	0.0225			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	Bromoform	0.0248			Y	0.0014	0.002	4
B170370-BSD1	B170370-BSD1	Bromomethane	0.018			Y	0.0042	0.01	4
B170370-BSD1	B170370-BSD1	Carbon Disulfide	0.0231			Y	0.0043	0.006	4
B170370-BSD1	B170370-BSD1	Carbon Tetrachloride	0.0207			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Chlorobenzene	0.0232			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	Chlorobenzene-D5	0.06			Y			4
B170370-BSD1	B170370-BSD1	Chloroethane		U		Y	0.0015	0.02	4
B170370-BSD1	B170370-BSD1	Chloroform	0.0205			Y	0.0007	0.004	4
B170370-BSD1	B170370-BSD1	Chloromethane	0.0223			Y	0.0064	0.01	4
B170370-BSD1	B170370-BSD1	Cis-1,2-Dichloroethylene	0.0196			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Cis-1,3-Dichloropropene	0.02			Y	0.0007	0.001	4
B170370-BSD1	B170370-BSD1	Cymene	0.0225			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Dibromochloromethane	0.0247			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	Dibromomethane	0.0207			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	Dichlorodifluoromethane		U		Y	0.0013	0.02	4
B170370-BSD1	B170370-BSD1	Diethyl Ether (Ethyl Ether)	0.0205			Y	0.0018	0.02	4
B170370-BSD1	B170370-BSD1	Ethyl Tert-Butyl Ether	0.0197			Y	0.0006	0.001	4
B170370-BSD1	B170370-BSD1	Ethylbenzene	0.0229			Y	0.0008	0.002	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170370-BSD1	B170370-BSD1	Hexachlorobutadiene	0.0252			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	Isopropyl Ether	0.0224			Y	0.0006	0.001	4
B170370-BSD1	B170370-BSD1	Isopropylbenzene (Cumene)	0.0256			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	m,p-Xylene	0.0461			Y	0.0017	0.004	4
B170370-BSD1	B170370-BSD1	Methyl Acetate	0.028			Y	0.0016	0.002	4
B170370-BSD1	B170370-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.22			Y	0.018	0.04	4
B170370-BSD1	B170370-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.238			Y	0.0076	0.02	4
B170370-BSD1	B170370-BSD1	Methylcyclohexane	0.0219			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	Methylene Chloride	0.0237			Y	0.0071	0.02	4
B170370-BSD1	B170370-BSD1	Naphthalene	0.0187			Y	0.0007	0.004	4
B170370-BSD1	B170370-BSD1	N-Butylbenzene	0.0227			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	N-Propylbenzene	0.0239			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0226			Y	0.0007	0.002	4
B170370-BSD1	B170370-BSD1	p-Bromofluorobenzene	103			Y			4
B170370-BSD1	B170370-BSD1	Pentafluorobenzene	0.06			Y			4
B170370-BSD1	B170370-BSD1	Sec-Butylbenzene	0.023			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	Styrene	0.023			Y	0.0006	0.002	4
B170370-BSD1	B170370-BSD1	T-Butylbenzene	0.0224			Y	0.0009	0.002	4
B170370-BSD1	B170370-BSD1	Tert-Butyl Alcohol	0.118		J	Y	0.021	0.04	4
B170370-BSD1	B170370-BSD1	Tert-Butyl Methyl Ether	0.0151			Y	0.0009	0.004	4
B170370-BSD1	B170370-BSD1	Tetrachloroethylene (PCE)	0.025			Y	0.0013	0.002	4
B170370-BSD1	B170370-BSD1	Tetrahydrofuran	0.0219			Y	0.0022	0.01	4
B170370-BSD1	B170370-BSD1	Toluene	0.0224			Y	0.0008	0.002	4
B170370-BSD1	B170370-BSD1	Toluene-D8	102			Y			4
B170370-BSD1	B170370-BSD1	Trans-1,2-Dichloroethene	0.0239			Y	0.0009	0.002	4
B170370-BSD1	B170370-BSD1	Trans-1,3-Dichloropropene	0.0209			Y	0.0007	0.001	4
B170370-BSD1	B170370-BSD1	Trans-1,4-Dichloro-2-Butene	0.0207			Y	0.0021	0.004	4
B170370-BSD1	B170370-BSD1	Trichloroethylene (TCE)	0.0222			Y	0.001	0.002	4
B170370-BSD1	B170370-BSD1	Trichlorofluoromethane	0.0231			Y	0.0011	0.01	4
B170370-BSD1	B170370-BSD1	Vinyl Chloride	0.0191			Y	0.0011	0.01	4
B170743-BLK1	B170743-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	1,1,1-Trichloroethane		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.16	0.5	4
B170743-BLK1	B170743-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.2	1	4
B170743-BLK1	B170743-BLK1	1,1,2-Trichloroethane		U		Y	0.24	1	4
B170743-BLK1	B170743-BLK1	1,1-Dichloroethane		U		Y	0.16	1	4
B170743-BLK1	B170743-BLK1	1,1-Dichloroethene		U		Y	0.21	1	4
B170743-BLK1	B170743-BLK1	1,1-Dichloropropene		U		Y	0.13	2	4
B170743-BLK1	B170743-BLK1	1,2,3-Trichlorobenzene		U		Y	0.14	5	4
B170743-BLK1	B170743-BLK1	1,2,3-Trichloropropane		U		Y	0.22	2	4
B170743-BLK1	B170743-BLK1	1,2,4-Trichlorobenzene		U		Y	0.19	1	4
B170743-BLK1	B170743-BLK1	1,2,4-Trimethylbenzene		U		Y	0.18	1	4
B170743-BLK1	B170743-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.37	5	4
B170743-BLK1	B170743-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.15	0.5	4
B170743-BLK1	B170743-BLK1	1,2-Dichlorobenzene		U		Y	0.17	1	4
B170743-BLK1	B170743-BLK1	1,2-Dichloroethane		U		Y	0.19	1	4
B170743-BLK1	B170743-BLK1	1,2-Dichloroethane-D4	102			Y			4
B170743-BLK1	B170743-BLK1	1,2-Dichloropropane		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	1,3,5-Trichlorobenzene		U		Y	0.17	1	4
B170743-BLK1	B170743-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	1,3-Dichlorobenzene		U		Y	0.17	1	4
B170743-BLK1	B170743-BLK1	1,3-Dichloropropane		U		Y	0.13	0.5	4
B170743-BLK1	B170743-BLK1	1,4-Dichlorobenzene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	1,4-Dichlorobenzene-D4	30			Y			4
B170743-BLK1	B170743-BLK1	1,4-Difluorobenzene	30			Y			4
B170743-BLK1	B170743-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	26	50	4
B170743-BLK1	B170743-BLK1	2,2-Dichloropropane		U		Y	0.21	1	4
B170743-BLK1	B170743-BLK1	2-Chlorotoluene		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	2-Hexanone		U		Y	1.5	10	4
B170743-BLK1	B170743-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.11	0.5	4
B170743-BLK1	B170743-BLK1	4-Chlorotoluene		U		Y	0.14	1	4
B170743-BLK1	B170743-BLK1	Acetone		U		Y	4.9	50	4
B170743-BLK1	B170743-BLK1	Acrylonitrile		U		Y	0.58	5	4
B170743-BLK1	B170743-BLK1	Benzene		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	Bromobenzene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	Bromochloromethane		U		Y	0.22	1	4
B170743-BLK1	B170743-BLK1	Bromodichloromethane		U		Y	0.3	0.5	4
B170743-BLK1	B170743-BLK1	Bromoform		U		Y	0.21	1	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170743-BLK1	B170743-BLK1	Bromomethane		U		Y	0.94	2	4
B170743-BLK1	B170743-BLK1	Carbon Disulfide		U		Y	1	4	4
B170743-BLK1	B170743-BLK1	Carbon Tetrachloride		U		Y	0.25	5	4
B170743-BLK1	B170743-BLK1	Chlorobenzene		U		Y	0.16	1	4
B170743-BLK1	B170743-BLK1	Chlorobenzene-D5	30			Y			4
B170743-BLK1	B170743-BLK1	Chloroethane		U		Y	0.28	2	4
B170743-BLK1	B170743-BLK1	Chloroform		U		Y	0.22	2	4
B170743-BLK1	B170743-BLK1	Chloromethane		U		Y	0.55	2	4
B170743-BLK1	B170743-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	Cis-1,3-Dichloropropene		U		Y	0.12	0.5	4
B170743-BLK1	B170743-BLK1	Cymene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	Dibromochloromethane		U		Y	0.1	0.5	4
B170743-BLK1	B170743-BLK1	Dibromomethane		U		Y	0.16	1	4
B170743-BLK1	B170743-BLK1	Dichlorodifluoromethane		U		Y	0.28	2	4
B170743-BLK1	B170743-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.22	2	4
B170743-BLK1	B170743-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.095	0.5	4
B170743-BLK1	B170743-BLK1	Ethylbenzene		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	Hexachlorobutadiene		U		Y	0.59	0.6	4
B170743-BLK1	B170743-BLK1	Isopropyl Ether		U		Y	0.18	0.5	4
B170743-BLK1	B170743-BLK1	Isopropylbenzene (Cumene)		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	m,p-Xylene		U		Y	0.26	2	4
B170743-BLK1	B170743-BLK1	Methyl Acetate		U		Y	0.42	1	4
B170743-BLK1	B170743-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	2.4	20	4
B170743-BLK1	B170743-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	1.5	10	4
B170743-BLK1	B170743-BLK1	Methylcyclohexane		U		Y	0.63	1	4
B170743-BLK1	B170743-BLK1	Methylene Chloride		U		Y	3.2	5	4
B170743-BLK1	B170743-BLK1	Naphthalene		U		Y	0.12	2	4
B170743-BLK1	B170743-BLK1	N-Butylbenzene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	N-Propylbenzene		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	p-Bromofluorobenzene	99			Y			4
B170743-BLK1	B170743-BLK1	Pentafluorobenzene	30			Y			4
B170743-BLK1	B170743-BLK1	Sec-Butylbenzene		U		Y	0.13	1	4
B170743-BLK1	B170743-BLK1	Styrene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	T-Butylbenzene		U		Y	0.12	1	4
B170743-BLK1	B170743-BLK1	Tert-Butyl Alcohol		U		Y	2.2	20	4
B170743-BLK1	B170743-BLK1	Tert-Butyl Methyl Ether		U		Y	0.09	1	4
B170743-BLK1	B170743-BLK1	Tetrachloroethylene (PCE)		U		Y	0.27	1	4
B170743-BLK1	B170743-BLK1	Tetrahydrofuran		U		Y	1.1	10	4
B170743-BLK1	B170743-BLK1	Toluene		U		Y	0.17	1	4
B170743-BLK1	B170743-BLK1	Toluene-D8	100			Y			4
B170743-BLK1	B170743-BLK1	Trans-1,2-Dichloroethene		U		Y	0.15	1	4
B170743-BLK1	B170743-BLK1	Trans-1,3-Dichloropropene		U		Y	0.11	0.5	4
B170743-BLK1	B170743-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.31	2	4
B170743-BLK1	B170743-BLK1	Trichloroethylene (TCE)		U		Y	0.2	1	4
B170743-BLK1	B170743-BLK1	Trichlorofluoromethane		U		Y	0.15	2	4
B170743-BLK1	B170743-BLK1	Vinyl Chloride		U		Y	0.13	2	4
B170743-BS1	B170743-BS1	1,1,1,2-Tetrachloroethane	10.2			Y	0.12	1	4
B170743-BS1	B170743-BS1	1,1,1-Trichloroethane	10			Y	0.13	1	4
B170743-BS1	B170743-BS1	1,1,2,2-Tetrachloroethane	10.2			Y	0.16	0.5	4
B170743-BS1	B170743-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	10			Y	0.2	1	4
B170743-BS1	B170743-BS1	1,1,2-Trichloroethane	10.7			Y	0.24	1	4
B170743-BS1	B170743-BS1	1,1-Dichloroethane	10.7			Y	0.16	1	4
B170743-BS1	B170743-BS1	1,1-Dichloroethene	9.87			Y	0.21	1	4
B170743-BS1	B170743-BS1	1,1-Dichloropropene	10.6			Y	0.13	2	4
B170743-BS1	B170743-BS1	1,2,3-Trichlorobenzene	13.3			Y	0.14	5	4
B170743-BS1	B170743-BS1	1,2,3-Trichloropropane	9.99			Y	0.22	2	4
B170743-BS1	B170743-BS1	1,2,4-Trichlorobenzene	12.4			Y	0.19	1	4
B170743-BS1	B170743-BS1	1,2,4-Trimethylbenzene	10.5			Y	0.18	1	4
B170743-BS1	B170743-BS1	1,2-Dibromo-3-Chloropropane	11.9			Y	0.37	5	4
B170743-BS1	B170743-BS1	1,2-Dibromoethane (Ethylene Dibromide)	10.4			Y	0.15	0.5	4
B170743-BS1	B170743-BS1	1,2-Dichlorobenzene	10.8			Y	0.17	1	4
B170743-BS1	B170743-BS1	1,2-Dichloroethane	10.9			Y	0.19	1	4
B170743-BS1	B170743-BS1	1,2-Dichloroethane-D4	103			Y			4
B170743-BS1	B170743-BS1	1,2-Dichloropropane	10.6			Y	0.13	1	4
B170743-BS1	B170743-BS1	1,3,5-Trichlorobenzene	11.9			Y	0.17	1	4
B170743-BS1	B170743-BS1	1,3,5-Trimethylbenzene (Mesitylene)	9.97			Y	0.13	1	4
B170743-BS1	B170743-BS1	1,3-Dichlorobenzene	11.1			Y	0.17	1	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170743-BS1	B170743-BS1	1,3-Dichloropropane	10			Y	0.13	0.5	4
B170743-BS1	B170743-BS1	1,4-Dichlorobenzene	10.8			Y	0.15	1	4
B170743-BS1	B170743-BS1	1,4-Dichlorobenzene-D4	30			Y			4
B170743-BS1	B170743-BS1	1,4-Difluorobenzene	30			Y			4
B170743-BS1	B170743-BS1	1,4-Dioxane (P-Dioxane)	84.2		J	Y	26	50	4
B170743-BS1	B170743-BS1	2,2-Dichloropropane	10.9			Y	0.21	1	4
B170743-BS1	B170743-BS1	2-Chlorotoluene	10.7			Y	0.12	1	4
B170743-BS1	B170743-BS1	2-Hexanone	99.6			Y	1.5	10	4
B170743-BS1	B170743-BS1	2-Methoxy-2-Methylbutane	9.69			Y	0.11	0.5	4
B170743-BS1	B170743-BS1	4-Chlorotoluene	10.5			Y	0.14	1	4
B170743-BS1	B170743-BS1	Acetone	93.9			Y	4.9	50	4
B170743-BS1	B170743-BS1	Acrylonitrile	10.4			Y	0.58	5	4
B170743-BS1	B170743-BS1	Benzene	10.5			Y	0.12	1	4
B170743-BS1	B170743-BS1	Bromobenzene	10.3			Y	0.15	1	4
B170743-BS1	B170743-BS1	Bromochloromethane	11.5			Y	0.22	1	4
B170743-BS1	B170743-BS1	Bromodichloromethane	11			Y	0.3	0.5	4
B170743-BS1	B170743-BS1	Bromoform	10.2			Y	0.21	1	4
B170743-BS1	B170743-BS1	Bromomethane	4.74			Y	0.94	2	4
B170743-BS1	B170743-BS1	Carbon Disulfide	13.4			Y	1	4	4
B170743-BS1	B170743-BS1	Carbon Tetrachloride	10.5			Y	0.25	5	4
B170743-BS1	B170743-BS1	Chlorobenzene	10.4			Y	0.16	1	4
B170743-BS1	B170743-BS1	Chlorobenzene-D5	30			Y			4
B170743-BS1	B170743-BS1	Chloroethane	8.2			Y	0.28	2	4
B170743-BS1	B170743-BS1	Chloroform	10.7			Y	0.22	2	4
B170743-BS1	B170743-BS1	Chloromethane	6.93			Y	0.55	2	4
B170743-BS1	B170743-BS1	Cis-1,2-Dichloroethylene	10.1			Y	0.15	1	4
B170743-BS1	B170743-BS1	Cis-1,3-Dichloropropene	10.1			Y	0.12	0.5	4
B170743-BS1	B170743-BS1	Cymene	10.4			Y	0.15	1	4
B170743-BS1	B170743-BS1	Dibromochloromethane	10.9			Y	0.1	0.5	4
B170743-BS1	B170743-BS1	Dibromomethane	10.9			Y	0.16	1	4
B170743-BS1	B170743-BS1	Dichlorodifluoromethane	5.74			Y	0.28	2	4
B170743-BS1	B170743-BS1	Diethyl Ether (Ethyl Ether)	9.84			Y	0.22	2	4
B170743-BS1	B170743-BS1	Ethyl Tert-Butyl Ether	9.96			Y	0.095	0.5	4
B170743-BS1	B170743-BS1	Ethylbenzene	10.4			Y	0.13	1	4
B170743-BS1	B170743-BS1	Hexachlorobutadiene	12.8			Y	0.59	0.6	4
B170743-BS1	B170743-BS1	Isopropyl Ether	10.2			Y	0.18	0.5	4
B170743-BS1	B170743-BS1	Isopropylbenzene (Cumene)	10.8			Y	0.12	1	4
B170743-BS1	B170743-BS1	m,p-Xylene	21.1			Y	0.26	2	4
B170743-BS1	B170743-BS1	Methyl Acetate	11.3			Y	0.42	1	4
B170743-BS1	B170743-BS1	Methyl Ethyl Ketone (2-Butanone)	96.5			Y	2.4	20	4
B170743-BS1	B170743-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	96.6			Y	1.5	10	4
B170743-BS1	B170743-BS1	Methylcyclohexane	10.8			Y	0.63	1	4
B170743-BS1	B170743-BS1	Methylene Chloride	11.3			Y	3.2	5	4
B170743-BS1	B170743-BS1	Naphthalene	12.8			Y	0.12	2	4
B170743-BS1	B170743-BS1	N-Butylbenzene	11.2			Y	0.15	1	4
B170743-BS1	B170743-BS1	N-Propylbenzene	10.5			Y	0.13	1	4
B170743-BS1	B170743-BS1	O-Xylene (1,2-Dimethylbenzene)	10.3			Y	0.13	1	4
B170743-BS1	B170743-BS1	p-Bromofluorobenzene	100			Y			4
B170743-BS1	B170743-BS1	Pentafluorobenzene	30			Y			4
B170743-BS1	B170743-BS1	Sec-Butylbenzene	11.1			Y	0.13	1	4
B170743-BS1	B170743-BS1	Styrene	10.1			Y	0.15	1	4
B170743-BS1	B170743-BS1	T-Butylbenzene	10.6			Y	0.12	1	4
B170743-BS1	B170743-BS1	Tert-Butyl Alcohol	68.6			Y	2.2	20	4
B170743-BS1	B170743-BS1	Tert-Butyl Methyl Ether	9.87			Y	0.09	1	4
B170743-BS1	B170743-BS1	Tetrachloroethylene (PCE)	11.5			Y	0.27	1	4
B170743-BS1	B170743-BS1	Tetrahydrofuran	11			Y	1.1	10	4
B170743-BS1	B170743-BS1	Toluene	10.6			Y	0.17	1	4
B170743-BS1	B170743-BS1	Toluene-D8	100			Y			4
B170743-BS1	B170743-BS1	Trans-1,2-Dichloroethene	11.9			Y	0.15	1	4
B170743-BS1	B170743-BS1	Trans-1,3-Dichloropropene	10.3			Y	0.11	0.5	4
B170743-BS1	B170743-BS1	Trans-1,4-Dichloro-2-Butene	10.6			Y	0.31	2	4
B170743-BS1	B170743-BS1	Trichloroethylene (TCE)	10.7			Y	0.2	1	4
B170743-BS1	B170743-BS1	Trichlorofluoromethane	9.42			Y	0.15	2	4
B170743-BS1	B170743-BS1	Vinyl Chloride	7.62			Y	0.13	2	4
B170743-BSD1	B170743-BSD1	1,1,1,2-Tetrachloroethane	10.1			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	1,1,1-Trichloroethane	9.96			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	1,1,2,2-Tetrachloroethane	10.4			Y	0.16	0.5	4
B170743-BSD1	B170743-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	9.72			Y	0.2	1	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170743-BSD1	B170743-BSD1	1,1,2-Trichloroethane	10.7			Y	0.24	1	4
B170743-BSD1	B170743-BSD1	1,1-Dichloroethane	10.3			Y	0.16	1	4
B170743-BSD1	B170743-BSD1	1,1-Dichloroethene	9.39			Y	0.21	1	4
B170743-BSD1	B170743-BSD1	1,1-Dichloropropene	10.4			Y	0.13	2	4
B170743-BSD1	B170743-BSD1	1,2,3-Trichlorobenzene	13.2			Y	0.14	5	4
B170743-BSD1	B170743-BSD1	1,2,3-Trichloropropane	10.2			Y	0.22	2	4
B170743-BSD1	B170743-BSD1	1,2,4-Trichlorobenzene	12.2			Y	0.19	1	4
B170743-BSD1	B170743-BSD1	1,2,4-Trimethylbenzene	10.5			Y	0.18	1	4
B170743-BSD1	B170743-BSD1	1,2-Dibromo-3-Chloropropane	11.6			Y	0.37	5	4
B170743-BSD1	B170743-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	10.6			Y	0.15	0.5	4
B170743-BSD1	B170743-BSD1	1,2-Dichlorobenzene	10.9			Y	0.17	1	4
B170743-BSD1	B170743-BSD1	1,2-Dichloroethane	10.8			Y	0.19	1	4
B170743-BSD1	B170743-BSD1	1,2-Dichloroethane-D4	104			Y			4
B170743-BSD1	B170743-BSD1	1,2-Dichloropropane	10.3			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	1,3,5-Trichlorobenzene	11.9			Y	0.17	1	4
B170743-BSD1	B170743-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	9.99			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	1,3-Dichlorobenzene	10.8			Y	0.17	1	4
B170743-BSD1	B170743-BSD1	1,3-Dichloropropane	10.2			Y	0.13	0.5	4
B170743-BSD1	B170743-BSD1	1,4-Dichlorobenzene	10.8			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	1,4-Dichlorobenzene-D4	30			Y			4
B170743-BSD1	B170743-BSD1	1,4-Difluorobenzene	30			Y			4
B170743-BSD1	B170743-BSD1	1,4-Dioxane (P-Dioxane)	95		J	Y	26	50	4
B170743-BSD1	B170743-BSD1	2,2-Dichloropropane	10.6			Y	0.21	1	4
B170743-BSD1	B170743-BSD1	2-Chlorotoluene	10.8			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	2-Hexanone	103			Y	1.5	10	4
B170743-BSD1	B170743-BSD1	2-Methoxy-2-Methylbutane	9.74			Y	0.11	0.5	4
B170743-BSD1	B170743-BSD1	4-Chlorotoluene	10.5			Y	0.14	1	4
B170743-BSD1	B170743-BSD1	Acetone	90.6			Y	4.9	50	4
B170743-BSD1	B170743-BSD1	Acrylonitrile	10.2			Y	0.58	5	4
B170743-BSD1	B170743-BSD1	Benzene	10.3			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	Bromobenzene	10.2			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	Bromochloromethane	11.2			Y	0.22	1	4
B170743-BSD1	B170743-BSD1	Bromodichloromethane	10.9			Y	0.3	0.5	4
B170743-BSD1	B170743-BSD1	Bromoform	10.4			Y	0.21	1	4
B170743-BSD1	B170743-BSD1	Bromomethane	6.4			Y	0.94	2	4
B170743-BSD1	B170743-BSD1	Carbon Disulfide	12.7			Y	1	4	4
B170743-BSD1	B170743-BSD1	Carbon Tetrachloride	10.1			Y	0.25	5	4
B170743-BSD1	B170743-BSD1	Chlorobenzene	10.5			Y	0.16	1	4
B170743-BSD1	B170743-BSD1	Chlorobenzene-D5	30			Y			4
B170743-BSD1	B170743-BSD1	Chloroethane	8.15			Y	0.28	2	4
B170743-BSD1	B170743-BSD1	Chloroform	10.3			Y	0.22	2	4
B170743-BSD1	B170743-BSD1	Chloromethane	6.84			Y	0.55	2	4
B170743-BSD1	B170743-BSD1	Cis-1,2-Dichloroethylene	9.94			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	Cis-1,3-Dichloropropene	9.72			Y	0.12	0.5	4
B170743-BSD1	B170743-BSD1	Cymene	10.3			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	Dibromochloromethane	11			Y	0.1	0.5	4
B170743-BSD1	B170743-BSD1	Dibromomethane	10.9			Y	0.16	1	4
B170743-BSD1	B170743-BSD1	Dichlorodifluoromethane	5.6			Y	0.28	2	4
B170743-BSD1	B170743-BSD1	Diethyl Ether (Ethyl Ether)	9.66			Y	0.22	2	4
B170743-BSD1	B170743-BSD1	Ethyl Tert-Butyl Ether	9.88			Y	0.095	0.5	4
B170743-BSD1	B170743-BSD1	Ethylbenzene	10.4			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	Hexachlorobutadiene	13			Y	0.59	0.6	4
B170743-BSD1	B170743-BSD1	Isopropyl Ether	9.94			Y	0.18	0.5	4
B170743-BSD1	B170743-BSD1	Isopropylbenzene (Cumene)	10.8			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	m,p-Xylene	21.1			Y	0.26	2	4
B170743-BSD1	B170743-BSD1	Methyl Acetate	11.4			Y	0.42	1	4
B170743-BSD1	B170743-BSD1	Methyl Ethyl Ketone (2-Butanone)	94.9			Y	2.4	20	4
B170743-BSD1	B170743-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	99.6			Y	1.5	10	4
B170743-BSD1	B170743-BSD1	Methylcyclohexane	10.8			Y	0.63	1	4
B170743-BSD1	B170743-BSD1	Methylene Chloride	11			Y	3.2	5	4
B170743-BSD1	B170743-BSD1	Naphthalene	12.6			Y	0.12	2	4
B170743-BSD1	B170743-BSD1	N-Butylbenzene	11			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	N-Propylbenzene	10.5			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	O-Xylene (1,2-Dimethylbenzene)	10.3			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	p-Bromofluorobenzene	101			Y			4
B170743-BSD1	B170743-BSD1	Pentafluorobenzene	30			Y			4
B170743-BSD1	B170743-BSD1	Sec-Butylbenzene	10.9			Y	0.13	1	4
B170743-BSD1	B170743-BSD1	Styrene	10.1			Y	0.15	1	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170743-BSD1	B170743-BSD1	T-Butylbenzene	10.4			Y	0.12	1	4
B170743-BSD1	B170743-BSD1	Tert-Butyl Alcohol	68.8			Y	2.2	20	4
B170743-BSD1	B170743-BSD1	Tert-Butyl Methyl Ether	9.74			Y	0.09	1	4
B170743-BSD1	B170743-BSD1	Tetrachloroethylene (PCE)	11.3			Y	0.27	1	4
B170743-BSD1	B170743-BSD1	Tetrahydrofuran	10.9			Y	1.1	10	4
B170743-BSD1	B170743-BSD1	Toluene	10.6			Y	0.17	1	4
B170743-BSD1	B170743-BSD1	Toluene-D8	101			Y			4
B170743-BSD1	B170743-BSD1	Trans-1,2-Dichloroethene	11.5			Y	0.15	1	4
B170743-BSD1	B170743-BSD1	Trans-1,3-Dichloropropene	10.1			Y	0.11	0.5	4
B170743-BSD1	B170743-BSD1	Trans-1,4-Dichloro-2-Butene	10.6			Y	0.31	2	4
B170743-BSD1	B170743-BSD1	Trichloroethylene (TCE)	10.5			Y	0.2	1	4
B170743-BSD1	B170743-BSD1	Trichlorofluoromethane	9.05			Y	0.15	2	4
B170743-BSD1	B170743-BSD1	Vinyl Chloride	7.49			Y	0.13	2	4
B170812-BLK1	B170812-BLK1	1,1,1,2-Tetrachloroethane		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	1,1,1-Trichloroethane		U		Y	0.0066	0.05	4
B170812-BLK1	B170812-BLK1	1,1,2,2-Tetrachloroethane		U		Y	0.008	0.025	4
B170812-BLK1	B170812-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	0.0098	0.05	4
B170812-BLK1	B170812-BLK1	1,1,2-Trichloroethane		U		Y	0.012	0.05	4
B170812-BLK1	B170812-BLK1	1,1-Dichloroethane		U		Y	0.0079	0.05	4
B170812-BLK1	B170812-BLK1	1,1-Dichloroethene		U		Y	0.01	0.05	4
B170812-BLK1	B170812-BLK1	1,1-Dichloropropene		U		Y	0.0064	0.1	4
B170812-BLK1	B170812-BLK1	1,2,3-Trichlorobenzene		U		Y	0.007	0.25	4
B170812-BLK1	B170812-BLK1	1,2,3-Trichloropropane		U		Y	0.011	0.1	4
B170812-BLK1	B170812-BLK1	1,2,4-Trichlorobenzene		U		Y	0.0095	0.05	4
B170812-BLK1	B170812-BLK1	1,2,4-Trimethylbenzene		U		Y	0.009	0.05	4
B170812-BLK1	B170812-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	0.018	0.25	4
B170812-BLK1	B170812-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	0.0074	0.025	4
B170812-BLK1	B170812-BLK1	1,2-Dichlorobenzene		U		Y	0.0085	0.05	4
B170812-BLK1	B170812-BLK1	1,2-Dichloroethane		U		Y	0.0097	0.05	4
B170812-BLK1	B170812-BLK1	1,2-Dichloroethane-D4	96.2			Y			4
B170812-BLK1	B170812-BLK1	1,2-Dichloropropane		U		Y	0.0065	0.05	4
B170812-BLK1	B170812-BLK1	1,3,5-Trichlorobenzene		U		Y	0.0085	0.05	4
B170812-BLK1	B170812-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	0.0065	0.05	4
B170812-BLK1	B170812-BLK1	1,3-Dichlorobenzene		U		Y	0.0085	0.05	4
B170812-BLK1	B170812-BLK1	1,3-Dichloropropane		U		Y	0.0065	0.025	4
B170812-BLK1	B170812-BLK1	1,4-Dichlorobenzene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	1,4-Dichlorobenzene-D4	30			Y			4
B170812-BLK1	B170812-BLK1	1,4-Difluorobenzene	30			Y			4
B170812-BLK1	B170812-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	1.3	2.5	4
B170812-BLK1	B170812-BLK1	2,2-Dichloropropane		U		Y	0.011	0.05	4
B170812-BLK1	B170812-BLK1	2-Chlorotoluene		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	2-Hexanone		U		Y	0.076	0.5	4
B170812-BLK1	B170812-BLK1	2-Methoxy-2-Methylbutane		U		Y	0.0053	0.025	4
B170812-BLK1	B170812-BLK1	4-Chlorotoluene		U		Y	0.007	0.05	4
B170812-BLK1	B170812-BLK1	Acetone		U		Y	0.24	2.5	4
B170812-BLK1	B170812-BLK1	Acrylonitrile		U		Y	0.029	0.25	4
B170812-BLK1	B170812-BLK1	Benzene		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	Bromobenzene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	Bromochloromethane		U		Y	0.011	0.05	4
B170812-BLK1	B170812-BLK1	Bromodichloromethane		U		Y	0.015	0.05	4
B170812-BLK1	B170812-BLK1	Bromoform		U		Y	0.01	0.1	4
B170812-BLK1	B170812-BLK1	Bromomethane		U		Y	0.047	0.1	4
B170812-BLK1	B170812-BLK1	Carbon Disulfide		U		Y	0.051	0.15	4
B170812-BLK1	B170812-BLK1	Carbon Tetrachloride		U		Y	0.012	0.05	4
B170812-BLK1	B170812-BLK1	Chlorobenzene		U		Y	0.008	0.05	4
B170812-BLK1	B170812-BLK1	Chlorobenzene-D5	30			Y			4
B170812-BLK1	B170812-BLK1	Chloroethane		U		Y	0.014	0.1	4
B170812-BLK1	B170812-BLK1	Chloroform		U		Y	0.011	0.1	4
B170812-BLK1	B170812-BLK1	Chloromethane		U	UJ	Y	0.028	0.1	4
B170812-BLK1	B170812-BLK1	Cis-1,2-Dichloroethylene		U		Y	0.0074	0.05	4
B170812-BLK1	B170812-BLK1	Cis-1,3-Dichloropropene		U		Y	0.006	0.025	4
B170812-BLK1	B170812-BLK1	Cymene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	Dibromochloromethane		U		Y	0.0052	0.025	4
B170812-BLK1	B170812-BLK1	Dibromomethane		U		Y	0.008	0.05	4
B170812-BLK1	B170812-BLK1	Dichlorodifluoromethane		U		Y	0.014	0.1	4
B170812-BLK1	B170812-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	0.011	0.1	4
B170812-BLK1	B170812-BLK1	Ethyl Tert-Butyl Ether		U		Y	0.0048	0.025	4
B170812-BLK1	B170812-BLK1	Ethylbenzene		U		Y	0.0065	0.05	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170812-BLK1	B170812-BLK1	Hexachlorobutadiene		U		Y	0.029	0.05	4
B170812-BLK1	B170812-BLK1	Isopropyl Ether		U		Y	0.009	0.025	4
B170812-BLK1	B170812-BLK1	Isopropylbenzene (Cumene)		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	m,p-Xylene		U		Y	0.013	0.1	4
B170812-BLK1	B170812-BLK1	Methyl Acetate		U		Y	0.021	0.5	4
B170812-BLK1	B170812-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	0.12	1	4
B170812-BLK1	B170812-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	0.073	0.5	4
B170812-BLK1	B170812-BLK1	Methylcyclohexane		U		Y	0.032	0.05	4
B170812-BLK1	B170812-BLK1	Methylene Chloride		U		Y	0.16	0.25	4
B170812-BLK1	B170812-BLK1	Naphthalene		U		Y	0.006	0.1	4
B170812-BLK1	B170812-BLK1	N-Butylbenzene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	N-Propylbenzene		U		Y	0.0065	0.05	4
B170812-BLK1	B170812-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	0.0066	0.05	4
B170812-BLK1	B170812-BLK1	p-Bromofluorobenzene	95.3			Y			4
B170812-BLK1	B170812-BLK1	Pentafluorobenzene	30			Y			4
B170812-BLK1	B170812-BLK1	Sec-Butylbenzene		U		Y	0.0065	0.05	4
B170812-BLK1	B170812-BLK1	Styrene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	T-Butylbenzene		U		Y	0.006	0.05	4
B170812-BLK1	B170812-BLK1	Tert-Butyl Alcohol		U		Y	0.11	1	4
B170812-BLK1	B170812-BLK1	Tert-Butyl Methyl Ether		U		Y	0.0045	0.05	4
B170812-BLK1	B170812-BLK1	Tetrachloroethylene (PCE)		U		Y	0.014	0.05	4
B170812-BLK1	B170812-BLK1	Tetrahydrofuran		U		Y	0.054	0.5	4
B170812-BLK1	B170812-BLK1	Toluene		U		Y	0.0085	0.05	4
B170812-BLK1	B170812-BLK1	Toluene-D8	100			Y			4
B170812-BLK1	B170812-BLK1	Trans-1,2-Dichloroethene		U		Y	0.0075	0.05	4
B170812-BLK1	B170812-BLK1	Trans-1,3-Dichloropropene		U		Y	0.0056	0.025	4
B170812-BLK1	B170812-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	0.016	0.1	4
B170812-BLK1	B170812-BLK1	Trichloroethylene (TCE)		U		Y	0.01	0.05	4
B170812-BLK1	B170812-BLK1	Trichlorofluoromethane		U		Y	0.0074	0.1	4
B170812-BLK1	B170812-BLK1	Vinyl Chloride		U		Y	0.0066	0.1	4
B170812-BS1	B170812-BS1	1,1,1,2-Tetrachloroethane	0.0112	D		Y	0.00013	0.0011	4
B170812-BS1	B170812-BS1	1,1,1-Trichloroethane	0.0107	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	1,1,2,2-Tetrachloroethane	0.0108	D		Y	0.00018	0.00057	4
B170812-BS1	B170812-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0143	D		Y	0.00022	0.0011	4
B170812-BS1	B170812-BS1	1,1,2-Trichloroethane	0.0123	D		Y	0.00027	0.0011	4
B170812-BS1	B170812-BS1	1,1-Dichloroethane	0.011	D		Y	0.00018	0.0011	4
B170812-BS1	B170812-BS1	1,1-Dichloroethene	0.013	D		Y	0.00024	0.0011	4
B170812-BS1	B170812-BS1	1,1-Dichloropropene	0.0114	D		Y	0.00015	0.0023	4
B170812-BS1	B170812-BS1	1,2,3-Trichlorobenzene	0.00856	D		Y	0.00016	0.0057	4
B170812-BS1	B170812-BS1	1,2,3-Trichloropropane	0.0106	D		Y	0.00024	0.0023	4
B170812-BS1	B170812-BS1	1,2,4-Trichlorobenzene	0.00981	D		Y	0.00022	0.0011	4
B170812-BS1	B170812-BS1	1,2,4-Trimethylbenzene	0.0113	D		Y	0.0002	0.0011	4
B170812-BS1	B170812-BS1	1,2-Dibromo-3-Chloropropane	0.00754	D		Y	0.00042	0.0057	4
B170812-BS1	B170812-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0115	D		Y	0.00017	0.00057	4
B170812-BS1	B170812-BS1	1,2-Dichlorobenzene	0.0116	D		Y	0.00019	0.0011	4
B170812-BS1	B170812-BS1	1,2-Dichloroethane	0.00992	D		Y	0.00022	0.0011	4
B170812-BS1	B170812-BS1	1,2-Dichloroethane-D4	96.1			Y			4
B170812-BS1	B170812-BS1	1,2-Dichloropropane	0.0098	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	1,3,5-Trichlorobenzene	0.0115	D		Y	0.00019	0.0011	4
B170812-BS1	B170812-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0111	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	1,3-Dichlorobenzene	0.0114	D		Y	0.00019	0.0011	4
B170812-BS1	B170812-BS1	1,3-Dichloropropane	0.011	D		Y	0.00015	0.00057	4
B170812-BS1	B170812-BS1	1,4-Dichlorobenzene	0.0114	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	1,4-Dichlorobenzene-D4	30			Y			4
B170812-BS1	B170812-BS1	1,4-Difluorobenzene	30			Y			4
B170812-BS1	B170812-BS1	1,4-Dioxane (P-Dioxane)	0.109	D	J	Y	0.03	0.057	4
B170812-BS1	B170812-BS1	2,2-Dichloropropane	0.00994	D		Y	0.00024	0.0011	4
B170812-BS1	B170812-BS1	2-Chlorotoluene	0.0102	D		Y	0.00014	0.0011	4
B170812-BS1	B170812-BS1	2-Hexanone	0.0852	D		Y	0.0017	0.011	4
B170812-BS1	B170812-BS1	2-Methoxy-2-Methylbutane	0.0104	D		Y	0.00012	0.00057	4
B170812-BS1	B170812-BS1	4-Chlorotoluene	0.0106	D		Y	0.00016	0.0011	4
B170812-BS1	B170812-BS1	Acetone	0.1	D		Y	0.0055	0.057	4
B170812-BS1	B170812-BS1	Acrylonitrile	0.0139	D		Y	0.00066	0.0057	4
B170812-BS1	B170812-BS1	Benzene	0.0115	D		Y	0.00014	0.0011	4
B170812-BS1	B170812-BS1	Bromobenzene	0.0107	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	Bromochloromethane	0.0112	D		Y	0.00025	0.0011	4
B170812-BS1	B170812-BS1	Bromodichloromethane	0.0114	D		Y	0.00033	0.0011	4
B170812-BS1	B170812-BS1	Bromoform	0.0104	D		Y	0.00024	0.0023	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170812-BS1	B170812-BS1	Bromomethane	0.00612	D		Y	0.0011	0.0023	4
B170812-BS1	B170812-BS1	Carbon Disulfide	0.0125	D		Y	0.0012	0.0034	4
B170812-BS1	B170812-BS1	Carbon Tetrachloride	0.011	D		Y	0.00028	0.0011	4
B170812-BS1	B170812-BS1	Chlorobenzene	0.0119	D		Y	0.00018	0.0011	4
B170812-BS1	B170812-BS1	Chlorobenzene-D5	30			Y			4
B170812-BS1	B170812-BS1	Chloroethane	0.0115	D		Y	0.00032	0.0023	4
B170812-BS1	B170812-BS1	Chloroform	0.0107	D		Y	0.00025	0.0023	4
B170812-BS1	B170812-BS1	Chloromethane	0.00374	D	J	Y	0.00063	0.0023	4
B170812-BS1	B170812-BS1	Cis-1,2-Dichloroethylene	0.0103	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	Cis-1,3-Dichloropropene	0.01	D		Y	0.00014	0.00057	4
B170812-BS1	B170812-BS1	Cymene	0.0117	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	Dibromochloromethane	0.0123	D		Y	0.00012	0.00057	4
B170812-BS1	B170812-BS1	Dibromomethane	0.0114	D		Y	0.00018	0.0011	4
B170812-BS1	B170812-BS1	Dichlorodifluoromethane	0.00828	D		Y	0.00032	0.0023	4
B170812-BS1	B170812-BS1	Diethyl Ether (Ethyl Ether)	0.0121	D		Y	0.00025	0.0023	4
B170812-BS1	B170812-BS1	Ethyl Tert-Butyl Ether	0.0105	D		Y	0.00011	0.00057	4
B170812-BS1	B170812-BS1	Ethylbenzene	0.0113	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	Hexachlorobutadiene	0.0113	D		Y	0.00067	0.0011	4
B170812-BS1	B170812-BS1	Isopropyl Ether	0.00935	D		Y	0.00021	0.00057	4
B170812-BS1	B170812-BS1	Isopropylbenzene (Cumene)	0.0118	D		Y	0.00014	0.0011	4
B170812-BS1	B170812-BS1	m,p-Xylene	0.0217	D		Y	0.00029	0.0023	4
B170812-BS1	B170812-BS1	Methyl Acetate		U		Y	0.00048	0.011	4
B170812-BS1	B170812-BS1	Methyl Ethyl Ketone (2-Butanone)	0.0945	D		Y	0.0027	0.023	4
B170812-BS1	B170812-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.0892	D		Y	0.0017	0.011	4
B170812-BS1	B170812-BS1	Methylcyclohexane	0.0111	D		Y	0.00071	0.0011	4
B170812-BS1	B170812-BS1	Methylene Chloride	0.0133	D		Y	0.0036	0.0057	4
B170812-BS1	B170812-BS1	Naphthalene	0.00813	D		Y	0.00014	0.0023	4
B170812-BS1	B170812-BS1	N-Butylbenzene	0.0119	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	N-Propylbenzene	0.0114	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	O-Xylene (1,2-Dimethylbenzene)	0.011	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	p-Bromofluorobenzene	97.4			Y			4
B170812-BS1	B170812-BS1	Pentafluorobenzene	30			Y			4
B170812-BS1	B170812-BS1	Sec-Butylbenzene	0.0117	D		Y	0.00015	0.0011	4
B170812-BS1	B170812-BS1	Styrene	0.0109	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	T-Butylbenzene	0.0114	D		Y	0.00014	0.0011	4
B170812-BS1	B170812-BS1	Tert-Butyl Alcohol	0.116	D		Y	0.0025	0.023	4
B170812-BS1	B170812-BS1	Tert-Butyl Methyl Ether	0.0107	D		Y	0.0001	0.0011	4
B170812-BS1	B170812-BS1	Tetrachloroethylene (PCE)	0.0117	D		Y	0.00031	0.0011	4
B170812-BS1	B170812-BS1	Tetrahydrofuran		U		Y	0.0012	0.011	4
B170812-BS1	B170812-BS1	Toluene	0.0112	D		Y	0.00019	0.0011	4
B170812-BS1	B170812-BS1	Toluene-D8	99.5			Y			4
B170812-BS1	B170812-BS1	Trans-1,2-Dichloroethene	0.0122	D		Y	0.00017	0.0011	4
B170812-BS1	B170812-BS1	Trans-1,3-Dichloropropene	0.0114	D		Y	0.00013	0.00057	4
B170812-BS1	B170812-BS1	Trans-1,4-Dichloro-2-Butene	0.0116	D		Y	0.00035	0.0023	4
B170812-BS1	B170812-BS1	Trichloroethylene (TCE)	0.0116	D		Y	0.00023	0.0011	4
B170812-BS1	B170812-BS1	Trichlorofluoromethane	0.0121	D		Y	0.00017	0.0023	4
B170812-BS1	B170812-BS1	Vinyl Chloride	0.0115	D		Y	0.00015	0.0023	4
B170812-BSD1	B170812-BSD1	1,1,1,2-Tetrachloroethane	0.0113	D		Y	0.00013	0.0011	4
B170812-BSD1	B170812-BSD1	1,1,1-Trichloroethane	0.0109	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	1,1,2,2-Tetrachloroethane	0.00935	D		Y	0.00018	0.00057	4
B170812-BSD1	B170812-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0148	D		Y	0.00022	0.0011	4
B170812-BSD1	B170812-BSD1	1,1,2-Trichloroethane	0.0119	D		Y	0.00027	0.0011	4
B170812-BSD1	B170812-BSD1	1,1-Dichloroethane	0.0111	D		Y	0.00018	0.0011	4
B170812-BSD1	B170812-BSD1	1,1-Dichloroethene	0.0137	D		Y	0.00024	0.0011	4
B170812-BSD1	B170812-BSD1	1,1-Dichloropropene	0.0112	D		Y	0.00015	0.0023	4
B170812-BSD1	B170812-BSD1	1,2,3-Trichlorobenzene	0.00919	D		Y	0.00016	0.0057	4
B170812-BSD1	B170812-BSD1	1,2,3-Trichloropropane	0.00985	D		Y	0.00024	0.0023	4
B170812-BSD1	B170812-BSD1	1,2,4-Trichlorobenzene	0.0101	D		Y	0.00022	0.0011	4
B170812-BSD1	B170812-BSD1	1,2,4-Trimethylbenzene	0.0115	D		Y	0.0002	0.0011	4
B170812-BSD1	B170812-BSD1	1,2-Dibromo-3-Chloropropane	0.00827	D		Y	0.00042	0.0057	4
B170812-BSD1	B170812-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0114	D		Y	0.00017	0.00057	4
B170812-BSD1	B170812-BSD1	1,2-Dichlorobenzene	0.0116	D		Y	0.00019	0.0011	4
B170812-BSD1	B170812-BSD1	1,2-Dichloroethane	0.00995	D		Y	0.00022	0.0011	4
B170812-BSD1	B170812-BSD1	1,2-Dichloroethane-D4	95.8			Y			4
B170812-BSD1	B170812-BSD1	1,2-Dichloropropane	0.00988	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	1,3,5-Trichlorobenzene	0.0113	D		Y	0.00019	0.0011	4
B170812-BSD1	B170812-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0106	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	1,3-Dichlorobenzene	0.0113	D		Y	0.00019	0.0011	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170812-BSD1	B170812-BSD1	1,3-Dichloropropane	0.0109	D		Y	0.00015	0.00057	4
B170812-BSD1	B170812-BSD1	1,4-Dichlorobenzene	0.0115	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	1,4-Dichlorobenzene-D4	30			Y			4
B170812-BSD1	B170812-BSD1	1,4-Difluorobenzene	30			Y			4
B170812-BSD1	B170812-BSD1	1,4-Dioxane (P-Dioxane)	0.115	D	J	Y	0.03	0.057	4
B170812-BSD1	B170812-BSD1	2,2-Dichloropropane	0.00991	D		Y	0.00024	0.0011	4
B170812-BSD1	B170812-BSD1	2-Chlorotoluene	0.00946	D		Y	0.00014	0.0011	4
B170812-BSD1	B170812-BSD1	2-Hexanone	0.0837	D		Y	0.0017	0.011	4
B170812-BSD1	B170812-BSD1	2-Methoxy-2-Methylbutane	0.0103	D		Y	0.00012	0.00057	4
B170812-BSD1	B170812-BSD1	4-Chlorotoluene	0.00998	D		Y	0.00016	0.0011	4
B170812-BSD1	B170812-BSD1	Acetone	0.102	D		Y	0.0055	0.057	4
B170812-BSD1	B170812-BSD1	Acrylonitrile	0.0138	D		Y	0.00066	0.0057	4
B170812-BSD1	B170812-BSD1	Benzene	0.0115	D		Y	0.00014	0.0011	4
B170812-BSD1	B170812-BSD1	Bromobenzene	0.00989	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	Bromochloromethane	0.0115	D		Y	0.00025	0.0011	4
B170812-BSD1	B170812-BSD1	Bromodichloromethane	0.0111	D		Y	0.00033	0.0011	4
B170812-BSD1	B170812-BSD1	Bromoform	0.00934	D		Y	0.00024	0.0023	4
B170812-BSD1	B170812-BSD1	Bromomethane	0.00694	D		Y	0.0011	0.0023	4
B170812-BSD1	B170812-BSD1	Carbon Disulfide	0.0126	D		Y	0.0012	0.0034	4
B170812-BSD1	B170812-BSD1	Carbon Tetrachloride	0.0113	D		Y	0.00028	0.0011	4
B170812-BSD1	B170812-BSD1	Chlorobenzene	0.0117	D		Y	0.00018	0.0011	4
B170812-BSD1	B170812-BSD1	Chlorobenzene-D5	30			Y			4
B170812-BSD1	B170812-BSD1	Chloroethane	0.0114	D		Y	0.00032	0.0023	4
B170812-BSD1	B170812-BSD1	Chloroform	0.0107	D		Y	0.00025	0.0023	4
B170812-BSD1	B170812-BSD1	Chloromethane	0.0045	D	J	Y	0.00063	0.0023	4
B170812-BSD1	B170812-BSD1	Cis-1,2-Dichloroethylene	0.0102	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	Cis-1,3-Dichloropropene	0.00991	D		Y	0.00014	0.00057	4
B170812-BSD1	B170812-BSD1	Cymene	0.0119	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	Dibromochloromethane	0.0121	D		Y	0.00012	0.00057	4
B170812-BSD1	B170812-BSD1	Dibromomethane	0.0115	D		Y	0.00018	0.0011	4
B170812-BSD1	B170812-BSD1	Dichlorodifluoromethane	0.00852	D		Y	0.00032	0.0023	4
B170812-BSD1	B170812-BSD1	Diethyl Ether (Ethyl Ether)	0.0119	D		Y	0.00025	0.0023	4
B170812-BSD1	B170812-BSD1	Ethyl Tert-Butyl Ether	0.0101	D		Y	0.00011	0.00057	4
B170812-BSD1	B170812-BSD1	Ethylbenzene	0.0112	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	Hexachlorobutadiene	0.0112	D		Y	0.00067	0.0011	4
B170812-BSD1	B170812-BSD1	Isopropyl Ether	0.00917	D		Y	0.00021	0.00057	4
B170812-BSD1	B170812-BSD1	Isopropylbenzene (Cumene)	0.0107	D		Y	0.00014	0.0011	4
B170812-BSD1	B170812-BSD1	m,p-Xylene	0.0201	D		Y	0.00029	0.0023	4
B170812-BSD1	B170812-BSD1	Methyl Acetate		U		Y	0.00048	0.011	4
B170812-BSD1	B170812-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.0949	D		Y	0.0027	0.023	4
B170812-BSD1	B170812-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.0885	D		Y	0.0017	0.011	4
B170812-BSD1	B170812-BSD1	Methylcyclohexane	0.0115	D		Y	0.00071	0.0011	4
B170812-BSD1	B170812-BSD1	Methylene Chloride	0.0134	D		Y	0.0036	0.0057	4
B170812-BSD1	B170812-BSD1	Naphthalene	0.00859	D		Y	0.00014	0.0023	4
B170812-BSD1	B170812-BSD1	N-Butylbenzene	0.0123	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	N-Propylbenzene	0.0108	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0101	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	p-Bromofluorobenzene	90			Y			4
B170812-BSD1	B170812-BSD1	Pentafluorobenzene	30			Y			4
B170812-BSD1	B170812-BSD1	Sec-Butylbenzene	0.0118	D		Y	0.00015	0.0011	4
B170812-BSD1	B170812-BSD1	Styrene	0.0101	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	T-Butylbenzene	0.0114	D		Y	0.00014	0.0011	4
B170812-BSD1	B170812-BSD1	Tert-Butyl Alcohol	0.123	D		Y	0.0025	0.023	4
B170812-BSD1	B170812-BSD1	Tert-Butyl Methyl Ether	0.0106	D		Y	0.0001	0.0011	4
B170812-BSD1	B170812-BSD1	Tetrachloroethylene (PCE)	0.0115	D		Y	0.00031	0.0011	4
B170812-BSD1	B170812-BSD1	Tetrahydrofuran		U		Y	0.0012	0.011	4
B170812-BSD1	B170812-BSD1	Toluene	0.0112	D		Y	0.00019	0.0011	4
B170812-BSD1	B170812-BSD1	Toluene-D8	99.8			Y			4
B170812-BSD1	B170812-BSD1	Trans-1,2-Dichloroethene	0.0123	D		Y	0.00017	0.0011	4
B170812-BSD1	B170812-BSD1	Trans-1,3-Dichloropropene	0.0114	D		Y	0.00013	0.00057	4
B170812-BSD1	B170812-BSD1	Trans-1,4-Dichloro-2-Butene	0.0115	D		Y	0.00035	0.0023	4
B170812-BSD1	B170812-BSD1	Trichloroethylene (TCE)	0.0117	D		Y	0.00023	0.0011	4
B170812-BSD1	B170812-BSD1	Trichlorofluoromethane	0.0123	D		Y	0.00017	0.0023	4
B170812-BSD1	B170812-BSD1	Vinyl Chloride	0.0115	D		Y	0.00015	0.0023	4
LB-14-COMP 1-0-4	17B0503-01	1,2,4,5-Tetrachlorobenzene		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,2,4-Trichlorobenzene		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,2-Dichlorobenzene		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,2-Diphenylhydrazine		U		Y	0.069	0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-COMP 1-0-4	17B0503-01	1,3-Dichlorobenzene		U		Y	0.073	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,4-Dichlorobenzene		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	1-Methylnaphthalene	0.55			Y	0.081	0.21	4
LB-14-COMP 1-0-4	17B0503-01	2,4,5-Trichlorophenol		U		Y	0.096	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4,6-Tribromophenol	54.6			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4,6-Trichlorophenol		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4-Dichlorophenol		U		Y	0.073	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4-Dimethylphenol		U		Y	0.079	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,4-Dinitrophenol		U		Y	0.24	0.83	4
LB-14-COMP 1-0-4	17B0503-01	2,4-Dinitrotoluene		U		Y	0.069	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2,6-Dinitrotoluene		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Chloronaphthalene		U		Y	0.08	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Chlorophenol		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Fluorobiphenyl	50			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Fluorophenol	43.9			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Methylnaphthalene	0.76			Y	0.074	0.21	4
LB-14-COMP 1-0-4	17B0503-01	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Nitroaniline		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	2-Nitrophenol		U		Y	0.11	0.43	4
LB-14-COMP 1-0-4	17B0503-01	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-14-COMP 1-0-4	17B0503-01	3,3'-Dichlorobenzidine		U		Y	0.065	0.21	4
LB-14-COMP 1-0-4	17B0503-01	3-Nitroaniline		U		Y	0.061	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4-Bromophenyl Phenyl Ether		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4-Chloro-3-Methylphenol		U		Y	0.091	0.83	4
LB-14-COMP 1-0-4	17B0503-01	4-Chloroaniline		U	UJ	Y	0.098	0.83	4
LB-14-COMP 1-0-4	17B0503-01	4-Chlorophenyl Phenyl Ether		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4-Nitroaniline		U		Y	0.071	0.43	4
LB-14-COMP 1-0-4	17B0503-01	4-Nitrophenol		U		Y	0.093	0.83	4
LB-14-COMP 1-0-4	17B0503-01	Acenaphthene	0.25			Y	0.064	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Acenaphthene-D10	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Acenaphthylene		U		Y	0.071	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Acetophenone		U		Y	0.084	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Aniline		U		Y	0.12	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Anthracene	0.4			Y	0.061	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzidine		U	UJ	Y	0.53	0.83	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(A)Anthracene	1.3			Y	0.056	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(A)Pyrene	1.5			Y	0.066	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(B)Fluoranthene	2.3			Y	0.06	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(G,H,I)Perylene	2.2			Y	0.094	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzo(K)Fluoranthene	0.73			Y	0.066	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Benzoic Acid			UJ	Y	0.23	1.3	4
LB-14-COMP 1-0-4	17B0503-01	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Bis(2-Chloroethoxy) Methane		U		Y	0.081	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.084	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Bis(2-Chloroisopropyl) Ether		U		Y	0.091	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Carbazole		U		Y	0.055	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Chrysene	1.6			Y	0.066	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Chrysene-D12	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Dibenz(A,H)Anthracene	0.5			Y	0.13	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Dibenzofuran		U		Y	0.074	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Diethyl Phthalate		U		Y	0.076	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Dimethyl Phthalate		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Di-N-Butyl Phthalate		U		Y	0.093	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Di-N-Octylphthalate		U		Y	0.22	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Fluoranthene	2.6			Y	0.07	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Fluorene	0.23			Y	0.069	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Hexachlorobenzene		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Hexachlorobutadiene		U		Y	0.075	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Hexachlorocyclopentadiene		U		Y	0.09	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Hexachloroethane		U		Y	0.085	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Indeno(1,2,3-C,D)Pyrene	2.1			Y	0.15	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Isophorone		U		Y	0.083	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Naphthalene	0.52			Y	0.11	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Naphthalene-DB	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Nitrobenzene		U		Y	0.08	0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-COMP 1-0-4	17B0503-01	Nitrobenzene-D5	46.5			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-14-COMP 1-0-4	17B0503-01	N-Nitrosodi-N-Propylamine		U		Y	0.088	0.43	4
LB-14-COMP 1-0-4	17B0503-01	N-Nitrosodiphenylamine		U		Y	0.088	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Pentachloronitrobenzene		U		Y	0.1	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Pentachlorophenol		U		Y	0.1	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Perylene-DT2	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Phenanthrene	1.5			Y	0.11	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Phenanthrene-D10	1.7			Y			4
LB-14-COMP 1-0-4	17B0503-01	Phenol		U		Y	0.073	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Phenol-D6	46.2			Y		0.43	4
LB-14-COMP 1-0-4	17B0503-01	Pyrene	3.8			Y	0.07	0.21	4
LB-14-COMP 1-0-4	17B0503-01	Pyridine		U		Y	0.069	0.43	4
LB-14-COMP 1-0-4	17B0503-01	Terphenyl-D14	69.7			Y		0.43	4
LB-15-COMP 1-0-4	17B0503-02	1,2,4,5-Tetrachlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,2,4-Trichlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,2-Dichlorobenzene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,2-Diphenylhydrazine		U		Y	0.06	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,3-Dichlorobenzene		U		Y	0.063	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,4-Dichlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	1,4-Dichlorobenzene-D4	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	1-Methylnaphthalene		U		Y	0.07	0.18	4
LB-15-COMP 1-0-4	17B0503-02	2,4,5-Trichlorophenol		U	UJ	Y	0.083	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4,6-Tribromophenol	0.345			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4,6-Trichlorophenol		U	UJ	Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4-Dichlorophenol		U		Y	0.063	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4-Dimethylphenol		U		Y	0.068	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,4-Dinitrophenol		U	UJ	Y	0.21	0.72	4
LB-15-COMP 1-0-4	17B0503-02	2,4-Dinitrotoluene		U		Y	0.06	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2,6-Dinitrotoluene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Chloronaphthalene		U		Y	0.069	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Chlorophenol		U	UJ	Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Fluorobiphenyl	95.4			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Fluorophenol	5.26			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Methylnaphthalene		U		Y	0.064	0.18	4
LB-15-COMP 1-0-4	17B0503-02	2-Methylphenol (O-Cresol)		U		Y	0.092	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Nitroaniline		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	2-Nitrophenol		U		Y	0.098	0.37	4
LB-15-COMP 1-0-4	17B0503-02	3- And 4- Methylphenol (Total)		U		Y	0.12	0.37	4
LB-15-COMP 1-0-4	17B0503-02	3,3'-Dichlorobenzidine		U		Y	0.056	0.18	4
LB-15-COMP 1-0-4	17B0503-02	3-Nitroaniline		U		Y	0.053	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4,6-Dinitro-2-Methylphenol		U		Y	0.35	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4-Bromophenyl Phenyl Ether		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4-Chloro-3-Methylphenol		U		Y	0.079	0.72	4
LB-15-COMP 1-0-4	17B0503-02	4-Chloroaniline		U	UJ	Y	0.085	0.72	4
LB-15-COMP 1-0-4	17B0503-02	4-Chlorophenyl Phenyl Ether		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4-Nitroaniline		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02	4-Nitrophenol		U	UJ	Y	0.08	0.72	4
LB-15-COMP 1-0-4	17B0503-02	Acenaphthene		U		Y	0.055	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Acenaphthene-D10	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Acenaphthylene		U		Y	0.062	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Acetophenone		U		Y	0.073	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Aniline		U		Y	0.1	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Anthracene		U		Y	0.053	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzenidine		U	UJ	Y	0.46	0.72	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(A)Anthracene	0.32			Y	0.049	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(A)Pyrene	0.33			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(B)Fluoranthene	0.57			Y	0.052	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(G,H,I)Perylene	0.34			Y	0.081	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzo(K)Fluoranthene	0.19			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Benzoic Acid		U	UJ	Y	0.2	1.1	4
LB-15-COMP 1-0-4	17B0503-02	Benzyl Butyl Phthalate		U		Y	0.088	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Bis(2-Chloroethoxy) Methane		U		Y	0.07	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.073	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Bis(2-Chloroisopropyl) Ether		U		Y	0.079	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Bis(2-Ethylhexyl) Phthalate		U		Y	0.14	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Carbazole		U		Y	0.048	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Chrysene	0.43			Y	0.057	0.18	4

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LB-15-COMP 1-0-4	17B0503-02	Chrysene-D12	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Dibenz(A,H)Anthracene		U		Y	0.11	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Dibenzofuran		U		Y	0.064	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Diethyl Phthalate		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Dimethyl Phthalate		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Di-N-Butyl Phthalate		U		Y	0.08	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Di-N-Octylphthalate		U		Y	0.19	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Fluoranthene	0.6			Y	0.061	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Fluorene		U		Y	0.06	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Hexachlorobenzene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Hexachlorobutadiene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Hexachlorocyclopentadiene		U		Y	0.078	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Hexachloroethane		U		Y	0.074	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Indeno(1,2,3-C,D)Pyrene	0.35			Y	0.13	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Isophorone		U		Y	0.072	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Naphthalene		U		Y	0.094	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Naphthalene-D8	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Nitrobenzene		U		Y	0.069	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Nitrobenzene-D5	79.6			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	N-Nitrosodimethylamine		U		Y	0.23	0.37	4
LB-15-COMP 1-0-4	17B0503-02	N-Nitrosodi-N-Propylamine		U		Y	0.076	0.37	4
LB-15-COMP 1-0-4	17B0503-02	N-Nitrosodiphenylamine		U		Y	0.076	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Pentachloronitrobenzene		U		Y	0.088	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Pentachlorophenol		U		Y	0.089	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Perylene-D12	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Phenanthrene	0.44			Y	0.095	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Phenanthrene-D10	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02	Phenol		U	UJ	Y	0.063	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Phenol-D6	46.6			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02	Pyrene	0.52			Y	0.061	0.18	4
LB-15-COMP 1-0-4	17B0503-02	Pyridine		U		Y	0.06	0.37	4
LB-15-COMP 1-0-4	17B0503-02	Terphenyl-D14	97.3			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,2,4-Trichlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,2-Dichlorobenzene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,2-Diphenylhydrazine		U		Y	0.059	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,3-Dichlorobenzene		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,4-Dichlorobenzene		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	1,4-Dichlorobenzene-D4	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	1-Methylnaphthalene		U		Y	0.07	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4,5-Trichlorophenol		U		Y	0.083	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4,6-Tribromophenol	25.4			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4,6-Trichlorophenol		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4-Dichlorophenol		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4-Dimethylphenol		U		Y	0.068	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4-Dinitrophenol		U		Y	0.21	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,4-Dinitrotoluene		U		Y	0.059	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2,6-Dinitrotoluene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Chloronaphthalene		U		Y	0.069	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Chlorophenol		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Fluorobiphenyl	81.8			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Fluorophenol	12.4			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Methylnaphthalene		U		Y	0.063	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Methylphenol (O-Cresol)		U		Y	0.091	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Nitroaniline		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	2-Nitrophenol		U		Y	0.097	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	3- And 4- Methylphenol (Total)		U		Y	0.12	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	3,3'-Dichlorobenzidine		U		Y	0.056	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	3-Nitroaniline		U		Y	0.053	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.35	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Bromophenyl Phenyl Ether		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Chloro-3-Methylphenol		U		Y	0.079	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Chloroaniline		U		Y	0.084	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Nitroaniline		U		Y	0.061	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	4-Nitrophenol		U		Y	0.08	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	Acenaphthene		U		Y	0.055	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Acenaphthene-D10	1.4			Y			4

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LB-15-COMP 1-0-4	17B0503-02RE1	Acenaphthylene		U		Y	0.061	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Acetophenone		U		Y	0.072	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Aniline		U		Y	0.1	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Anthracene		U		Y	0.053	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzidine		U	UJ	Y	0.46	0.71	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(A)Anthracene	0.32			Y	0.048	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(A)Pyrene	0.31			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(B)Fluoranthene	0.54			Y	0.052	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(G,H,I)Perylene	0.25			Y	0.081	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzo(K)Fluoranthene	0.2			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzoic Acid		U		Y	0.19	1.1	4
LB-15-COMP 1-0-4	17B0503-02RE1	Benzyl Butyl Phthalate		U		Y	0.087	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.07	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.072	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.079	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.14	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Carbazole		U		Y	0.047	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Chrysene	0.43			Y	0.057	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Chrysene-D12	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	Dibenz(A,H)Anthracene		U		Y	0.11	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Dibenzofuran		U		Y	0.063	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Diethyl Phthalate		U		Y	0.066	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Dimethyl Phthalate		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Di-N-Butyl Phthalate		U		Y	0.08	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Di-N-Octylphthalate		U		Y	0.19	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Fluoranthene	0.69			Y	0.06	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Fluorene		U		Y	0.059	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Hexachlorobenzene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Hexachlorobutadiene		U		Y	0.065	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Hexachlorocyclopentadiene		U		Y	0.077	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Hexachloroethane		U		Y	0.073	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Indeno(1,2,3-C,D)Pyrene	0.27			Y	0.13	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Isophorone		U		Y	0.071	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Naphthalene		U		Y	0.094	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Naphthalene-D8	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	Nitrobenzene		U		Y	0.069	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Nitrobenzene-D5	73.1			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	N-Nitrosodimethylamine		U		Y	0.23	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	N-Nitrosodi-N-Propylamine		U		Y	0.075	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	N-Nitrosodiphenylamine		U		Y	0.075	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Pentachloronitrobenzene		U		Y	0.087	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Pentachlorophenol		U		Y	0.088	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Perylene-D12	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	Phenanthrene	0.52			Y	0.095	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Phenanthrene-D10	1.4			Y			4
LB-15-COMP 1-0-4	17B0503-02RE1	Phenol		U		Y	0.062	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Phenol-D6	50.1			Y		0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Pyrene	0.55			Y	0.06	0.18	4
LB-15-COMP 1-0-4	17B0503-02RE1	Pyridine		U		Y	0.059	0.37	4
LB-15-COMP 1-0-4	17B0503-02RE1	Terphenyl-D14	79.6			Y		0.37	4
LB-14-COMP 2-4-10.5	17B0503-03	1,2,4,5-Tetrachlorobenzene		U		Y	0.078	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,2,4-Trichlorobenzene		U		Y	0.078	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,2-Dichlorobenzene		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,2-Diphenylhydrazine		U		Y	0.07	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,3-Dichlorobenzene		U		Y	0.074	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,4-Dichlorobenzene		U		Y	0.078	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	1-Methylnaphthalene	0.36			Y	0.083	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4,5-Trichlorophenol		U	UJ	Y	0.098	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4,6-Tribromophenol	15.8			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4,6-Trichlorophenol		U	UJ	Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4-Dichlorophenol		U		Y	0.074	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4-Dimethylphenol		U		Y	0.08	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4-Dinitrophenol		U	UJ	Y	0.25	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	2,4-Dinitrotoluene		U		Y	0.07	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2,6-Dinitrotoluene		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Chloronaphthalene		U		Y	0.082	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Chlorophenol		U		Y	0.078	0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-14-COMP 2-4-10.5	17B0503-03	2-Fluorobiphenyl	63.9			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Fluorophenol	44.5			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Methylnaphthalene	0.51			Y	0.075	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Nitroaniline		U		Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	2-Nitrophenol		U		Y	0.11	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	3,3'-Dichlorobenzidine		U		Y	0.066	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	3-Nitroaniline		U		Y	0.062	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Bromophenyl Phenyl Ether		U		Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Chloro-3-Methylphenol		U		Y	0.093	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Chloroaniline		U	UJ	Y	0.099	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Chlorophenyl Phenyl Ether		U		Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Nitroaniline		U		Y	0.073	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	4-Nitrophenol		U	UJ	Y	0.094	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	Acenaphthene		U		Y	0.065	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Acenaphthene-D10	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Acenaphthylene		U		Y	0.073	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Acetophenone		U		Y	0.085	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Aniline		U		Y	0.12	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Anthracene		U		Y	0.062	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzidine		U	UJ	Y	0.54	0.84	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(A)Anthracene	0.44			Y	0.057	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(A)Pyrene	0.42			Y	0.068	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(B)Fluoranthene	0.66			Y	0.061	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(G,H,I)Perylene	0.45			Y	0.096	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzo(K)Fluoranthene		U		Y	0.068	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzoic Acid		U	UJ	Y	0.23	1.3	4
LB-14-COMP 2-4-10.5	17B0503-03	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Bis(2-Chloroethoxy) Methane		U		Y	0.083	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.085	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Bis(2-Chloroisopropyl) Ether		U		Y	0.093	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Carbazole		U		Y	0.056	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Chrysene	0.49			Y	0.068	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Chrysene-D12	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Dibenz(A,H)Anthracene		U		Y	0.13	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Dibenzofuran		U		Y	0.075	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Diethyl Phthalate		U		Y	0.078	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Dimethyl Phthalate		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Di-N-Butyl Phthalate		U		Y	0.094	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Di-N-Octylphthalate		U		Y	0.23	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Fluoranthene	1.2			Y	0.071	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Fluorene		U		Y	0.07	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Hexachlorobenzene		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Hexachlorobutadiene		U		Y	0.077	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Hexachlorocyclopentadiene		U		Y	0.092	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Hexachloroethane		U		Y	0.087	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Indeno(1,2,3-C,D)Pyrene	0.38			Y	0.16	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Isophorone		U		Y	0.084	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Naphthalene	0.43			Y	0.11	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Naphthalene-D8	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Nitrobenzene		U		Y	0.082	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Nitrobenzene-D5	35			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	N-Nitrosodi-N-Propylamine		U		Y	0.089	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	N-Nitrosodiphenylamine		U		Y	0.089	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Pentachloronitrobenzene		U		Y	0.1	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Pentachlorophenol		U		Y	0.1	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Perylene-D12	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Phenanthrene	0.9			Y	0.11	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Phenanthrene-D10	1.7			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Phenol		U		Y	0.074	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Phenol-D6	58.2			Y		0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Pyrene	1.3			Y	0.071	0.22	4
LB-14-COMP 2-4-10.5	17B0503-03	Pyridine		U		Y	0.07	0.43	4
LB-14-COMP 2-4-10.5	17B0503-03	Terphenyl-D14	81.1			Y		0.43	4

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LB-15-COMP 2-4-8.5	17B0503-04	1,2,4,5-Tetrachlorobenzene		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,2,4-Trichlorobenzene		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,2-Dichlorobenzene		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,2-Diphenylhydrazine		U		Y	0.07	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,3-Dichlorobenzene		U		Y	0.074	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,4-Dichlorobenzene		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	1-Methylnaphthalene		U		Y	0.083	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,5-Trichlorophenol		U	UJ	Y	0.099	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,6-Tribromophenol	12.6			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4,6-Trichlorophenol		U	UJ	Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4-Dichlorophenol		U		Y	0.074	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4-Dimethylphenol		U		Y	0.081	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4-Dinitrophenol		U	UJ	Y	0.25	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	2,4-Dinitrotoluene		U		Y	0.07	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2,6-Dinitrotoluene		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Chloronaphthalene		U		Y	0.082	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Chlorophenol		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Fluorobiphenyl	76.1			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Fluorophenol	49.7			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Methylnaphthalene		U		Y	0.076	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Methylphenol (O-Cresol)		U		Y	0.11	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Nitroaniline		U		Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	2-Nitrophenol		U		Y	0.12	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	3- And 4- Methylphenol (Total)		U		Y	0.14	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	3,3'-Dichlorobenzidine		U		Y	0.067	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	3-Nitroaniline		U		Y	0.063	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Bromophenyl Phenyl Ether		U		Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Chloro-3-Methylphenol		U		Y	0.093	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Chloroaniline		U	UJ	Y	0.1	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Chlorophenyl Phenyl Ether		U		Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Nitroaniline		U		Y	0.073	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	4-Nitrophenol		U	UJ	Y	0.095	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	Acenaphthene		U		Y	0.065	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Acenaphthene-D10	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Acenaphthylene		U		Y	0.073	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Acetophenone		U		Y	0.086	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Aniline		U		Y	0.12	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Anthracene		U		Y	0.063	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzidine		U	UJ	Y	0.54	0.85	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(A)Anthracene	0.44			Y	0.058	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(A)Pyrene	0.51			Y	0.068	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(B)Fluoranthene	0.62			Y	0.061	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(G,H,I)Perylene	0.42			Y	0.096	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzo(K)Fluoranthene	0.25			Y	0.068	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzoic Acid		U	UJ	Y	0.23	1.3	4
LB-15-COMP 2-4-8.5	17B0503-04	Benzyl Butyl Phthalate		U		Y	0.1	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Bis(2-Chloroethoxy) Methane		U		Y	0.083	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.086	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Bis(2-Chloroisopropyl) Ether		U		Y	0.093	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Carbazole		U		Y	0.056	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Chrysene	0.48			Y	0.068	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Chrysene-D12	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Dibenz(A,H)Anthracene		U		Y	0.13	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Dibenzofuran		U		Y	0.076	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Diethyl Phthalate		U		Y	0.078	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Dimethyl Phthalate		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Di-N-Butyl Phthalate		U		Y	0.095	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Di-N-Octylphthalate		U		Y	0.23	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Fluoranthene	0.89			Y	0.072	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Fluorene		U		Y	0.07	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachlorobenzene		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachlorobutadiene		U		Y	0.077	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachlorocyclopentadiene		U		Y	0.092	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Hexachloroethane		U		Y	0.087	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Indeno(1,2,3-C,D)Pyrene	0.39			Y	0.16	0.22	4

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LB-15-COMP 2-4-8.5	17B0503-04	Isophorone		U		Y	0.085	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Naphthalene		U		Y	0.11	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Naphthalene-D8	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Nitrobenzene		U		Y	0.082	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Nitrobenzene-D5	68.5			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	N-Nitrosodimethylamine		U		Y	0.28	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	N-Nitrosodi-N-Propylamine		U		Y	0.09	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	N-Nitrosodiphenylamine		U		Y	0.09	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Pentachloronitrobenzene		U		Y	0.1	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Pentachlorophenol		U		Y	0.1	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Perylene-D12	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Phenanthrene	0.58			Y	0.11	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Phenanthrene-D10	1.7			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Phenol		U		Y	0.074	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Phenol-D6	76.2			Y		0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Pyrene	0.83			Y	0.072	0.22	4
LB-15-COMP 2-4-8.5	17B0503-04	Pyridine		U		Y	0.07	0.44	4
LB-15-COMP 2-4-8.5	17B0503-04	Terphenyl-D14	75.8			Y		0.44	4
LB-18-COMP 1-0-4	17B0503-05	1,2,4,5-Tetrachlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,2,4-Trichlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,2-Dichlorobenzene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,2-Diphenylhydrazine		U		Y	0.06	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,3-Dichlorobenzene		U		Y	0.063	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,4-Dichlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	1,4-Dichlorobenzene-D4	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	1-Methylnaphthalene		U		Y	0.07	0.18	4
LB-18-COMP 1-0-4	17B0503-05	2,4,5-Trichlorophenol		U	UJ	Y	0.083	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4,6-Tribromophenol	3.82			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4,6-Trichlorophenol		U	UJ	Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4-Dichlorophenol		U		Y	0.063	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4-Dimethylphenol		U		Y	0.068	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,4-Dinitrophenol		U	UJ	Y	0.21	0.72	4
LB-18-COMP 1-0-4	17B0503-05	2,4-Dinitrotoluene		U		Y	0.06	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2,6-Dinitrotoluene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Chloronaphthalene		U		Y	0.069	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Chlorophenol		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Fluorobiphenyl	85.1			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Fluorophenol	28.2			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Methylnaphthalene		U		Y	0.064	0.18	4
LB-18-COMP 1-0-4	17B0503-05	2-Methylphenol (O-Cresol)		U		Y	0.092	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Nitroaniline		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	2-Nitrophenol		U		Y	0.098	0.37	4
LB-18-COMP 1-0-4	17B0503-05	3- And 4- Methylphenol (Total)		U		Y	0.12	0.37	4
LB-18-COMP 1-0-4	17B0503-05	3,3'-Dichlorobenzidine		U		Y	0.056	0.18	4
LB-18-COMP 1-0-4	17B0503-05	3-Nitroaniline		U		Y	0.053	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4,6-Dinitro-2-Methylphenol		U		Y	0.35	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4-Bromophenyl Phenyl Ether		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4-Chloro-3-Methylphenol		U		Y	0.079	0.72	4
LB-18-COMP 1-0-4	17B0503-05	4-Chloroaniline		U	UJ	Y	0.085	0.72	4
LB-18-COMP 1-0-4	17B0503-05	4-Chlorophenyl Phenyl Ether		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4-Nitroaniline		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05	4-Nitrophenol		U	UJ	Y	0.08	0.72	4
LB-18-COMP 1-0-4	17B0503-05	Acenaphthene	0.24			Y	0.055	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Acenaphthene-D10	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Acenaphthylene		U		Y	0.062	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Acetophenone		U		Y	0.073	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Aniline		U		Y	0.1	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Anthracene	0.31			Y	0.053	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzidine		U	UJ	Y	0.46	0.72	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(A)Anthracene	0.45			Y	0.049	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(A)Pyrene	0.3			Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(B)Fluoranthene	0.42			Y	0.052	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(G,H,I)Perylene		U		Y	0.081	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzo(K)Fluoranthene		U		Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Benzoic Acid		U	UJ	Y	0.2	1.1	4
LB-18-COMP 1-0-4	17B0503-05	Benzyl Butyl Phthalate		U		Y	0.088	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Bis(2-Chloroethoxy) Methane		U		Y	0.07	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.073	0.37	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-18-COMP 1-0-4	17B0503-05	Bis(2-Chloroisopropyl) Ether		U		Y	0.079	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Bis(2-Ethylhexyl) Phthalate		U		Y	0.14	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Carbazole		U		Y	0.048	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Chrysene	0.4			Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Chrysene-D12	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Dibenz(A,H)Anthracene		U		Y	0.11	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Dibenzofuran		U		Y	0.064	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Diethyl Phthalate		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Dimethyl Phthalate		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Di-N-Butyl Phthalate		U		Y	0.08	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Di-N-Octylphthalate		U		Y	0.19	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Fluoranthene	1.1			Y	0.061	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Fluorene		U		Y	0.06	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Hexachlorobenzene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Hexachlorobutadiene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Hexachlorocyclopentadiene		U		Y	0.078	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Hexachloroethane		U		Y	0.074	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Indeno(1,2,3-C,D)Pyrene	0.2			Y	0.13	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Isophorone		U		Y	0.072	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Naphthalene	0.3			Y	0.094	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Naphthalene-D8	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Nitrobenzene		U		Y	0.069	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Nitrobenzene-D5	68			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	N-Nitrosodimethylamine		U		Y	0.23	0.37	4
LB-18-COMP 1-0-4	17B0503-05	N-Nitrosodi-N-Propylamine		U		Y	0.076	0.37	4
LB-18-COMP 1-0-4	17B0503-05	N-Nitrosodiphenylamine		U		Y	0.076	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Pentachloronitrobenzene		U		Y	0.088	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Pentachlorophenol		U		Y	0.089	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Perylene-D12	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Phenanthrene	1.4			Y	0.095	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Phenanthrene-D10	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05	Phenol		U		Y	0.063	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Phenol-D6	64.3			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05	Pyrene	0.88			Y	0.061	0.18	4
LB-18-COMP 1-0-4	17B0503-05	Pyridine		U		Y	0.06	0.37	4
LB-18-COMP 1-0-4	17B0503-05	Terphenyl-D14	85.1			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,2,4-Trichlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,2-Dichlorobenzene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,2-Diphenylhydrazine		U		Y	0.059	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,3-Dichlorobenzene		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,4-Dichlorobenzene		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	1,4-Dichlorobenzene-D4	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	1-Methylnaphthalene		U		Y	0.07	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4,5-Trichlorophenol		U		Y	0.083	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4,6-Tribromophenol	28.3			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4,6-Trichlorophenol		U		Y	0.061	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4-Dichlorophenol		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4-Dimethylphenol		U		Y	0.068	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4-Dinitrophenol		U		Y	0.21	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,4-Dinitrotoluene		U		Y	0.059	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2,6-Dinitrotoluene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Chloronaphthalene		U		Y	0.069	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Chlorophenol		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Fluorobiphenyl	65.5			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Fluorophenol	28.1			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Methylnaphthalene		U		Y	0.063	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Methylphenol (O-Cresol)		U		Y	0.091	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Nitroaniline		U		Y	0.061	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	2-Nitrophenol		U		Y	0.097	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	3- And 4- Methylphenol (Total)		U		Y	0.12	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	3,3'-Dichlorobenzidine		U		Y	0.056	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	3-Nitroaniline		U		Y	0.053	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.35	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Bromophenyl Phenyl Ether		U		Y	0.061	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Chloro-3-Methylphenol		U		Y	0.079	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Chloroaniline		U		Y	0.084	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.061	0.37	4

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LB-18-COMP 1-0-4	17B0503-05RE1	4-Nitroaniline		U		Y	0.061	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	4-Nitrophenol		U		Y	0.08	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	Acenaphthene	0.2			Y	0.055	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Acenaphthene-D10	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Acenaphthylene		U		Y	0.061	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Acetophenone		U		Y	0.072	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Aniline		U		Y	0.1	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Anthracene	0.25			Y	0.053	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzidine		U	UJ	Y	0.46	0.71	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(A)Anthracene	0.36			Y	0.048	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(A)Pyrene	0.23			Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(B)Fluoranthene	0.32			Y	0.052	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(G,H,I)Perylene		U		Y	0.081	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzo(K)Fluoranthene		U		Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzoic Acid		U		Y	0.19	1.1	4
LB-18-COMP 1-0-4	17B0503-05RE1	Benzyl Butyl Phthalate		U		Y	0.087	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.07	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.072	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.079	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.14	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Carbazole		U		Y	0.047	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Chrysene	0.32			Y	0.057	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Chrysene-D12	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Dibenz(A,H)Anthracene		U		Y	0.11	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Dibenzofuran		U		Y	0.063	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Diethyl Phthalate		U		Y	0.066	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Dimethyl Phthalate		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Di-N-Butyl Phthalate		U		Y	0.08	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Di-N-Octylphthalate		U		Y	0.19	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Fluoranthene	0.88			Y	0.06	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Fluorene		U		Y	0.059	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Hexachlorobenzene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Hexachlorobutadiene		U		Y	0.065	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Hexachlorocyclopentadiene		U		Y	0.077	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Hexachloroethane		U		Y	0.073	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.13	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Isophorone		U		Y	0.071	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Naphthalene	0.26			Y	0.094	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Naphthalene-D8	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Nitrobenzene		U		Y	0.069	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Nitrobenzene-D5	52.1			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	N-Nitrosodimethylamine		U		Y	0.23	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	N-Nitrosodi-N-Propylamine		U		Y	0.075	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	N-Nitrosodiphenylamine		U		Y	0.075	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Pentachloronitrobenzene		U		Y	0.087	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Pentachlorophenol		U		Y	0.088	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Perylene-D12	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Phenanthrene	1.1			Y	0.095	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Phenanthrene-D10	1.4			Y			4
LB-18-COMP 1-0-4	17B0503-05RE1	Phenol		U		Y	0.062	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Phenol-D6	50.4			Y		0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Pyrene	0.66			Y	0.06	0.18	4
LB-18-COMP 1-0-4	17B0503-05RE1	Pyridine		U		Y	0.059	0.37	4
LB-18-COMP 1-0-4	17B0503-05RE1	Terphenyl-D14	66.1			Y		0.37	4
LB-26-COMP 1-0-4	17B0503-06	1,2,4,5-Tetrachlorobenzene		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,2,4-Trichlorobenzene		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,2-Dichlorobenzene		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,2-Diphenylhydrazine		U		Y	0.066	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,3-Dichlorobenzene		U		Y	0.07	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,4-Dichlorobenzene		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	1-Methylnaphthalene	0.4			Y	0.078	0.2	4
LB-26-COMP 1-0-4	17B0503-06	2,4,5-Trichlorophenol		U		Y	0.092	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4,6-Tribromophenol	54.3			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4,6-Trichlorophenol		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4-Dichlorophenol		U		Y	0.07	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4-Dimethylphenol		U		Y	0.076	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,4-Dinitrophenol		U		Y	0.23	0.79	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-26-COMP 1-0-4	17B0503-06	2,4-Dinitrotoluene		U		Y	0.066	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2,6-Dinitrotoluene		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Chloronaphthalene		U		Y	0.077	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Chlorophenol		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Fluorobiphenyl	55.8			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Fluorophenol	48.6			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Methylnaphthalene	0.51			Y	0.071	0.2	4
LB-26-COMP 1-0-4	17B0503-06	2-Methylphenol (O-Cresol)		U		Y	0.1	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Nitroaniline		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	2-Nitrophenol		U		Y	0.11	0.41	4
LB-26-COMP 1-0-4	17B0503-06	3- And 4- Methylphenol (Total)		U		Y	0.13	0.41	4
LB-26-COMP 1-0-4	17B0503-06	3,3'-Dichlorobenzidine		U		Y	0.062	0.2	4
LB-26-COMP 1-0-4	17B0503-06	3-Nitroaniline		U		Y	0.059	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4,6-Dinitro-2-Methylphenol		U		Y	0.39	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4-Bromophenyl Phenyl Ether		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4-Chloro-3-Methylphenol		U		Y	0.088	0.79	4
LB-26-COMP 1-0-4	17B0503-06	4-Chloroaniline		U	UJ	Y	0.094	0.79	4
LB-26-COMP 1-0-4	17B0503-06	4-Chlorophenyl Phenyl Ether		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4-Nitroaniline		U		Y	0.068	0.41	4
LB-26-COMP 1-0-4	17B0503-06	4-Nitrophenol		U		Y	0.089	0.79	4
LB-26-COMP 1-0-4	17B0503-06	Acenaphthene		U		Y	0.061	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Acenaphthene-D10	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Acenaphthylene		U		Y	0.068	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Acetophenone		U		Y	0.08	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Aniline		U		Y	0.12	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Anthracene	0.22			Y	0.059	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzenzidine		U	UJ	Y	0.51	0.79	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(A)Anthracene	0.7			Y	0.054	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(A)Pyrene	0.69			Y	0.064	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(B)Fluoranthene	0.96			Y	0.058	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(G,H,I)Perylene	0.75			Y	0.09	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzo(K)Fluoranthene	0.33			Y	0.064	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-26-COMP 1-0-4	17B0503-06	Benzyl Butyl Phthalate		U		Y	0.097	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Bis(2-Chloroethoxy) Methane		U		Y	0.078	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.08	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Bis(2-Chloroisopropyl) Ether		U		Y	0.088	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Carbazole		U		Y	0.053	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Chrysene	0.76			Y	0.064	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Chrysene-D12	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Dibenz(A,H)Anthracene		U		Y	0.12	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Dibenzofuran		U		Y	0.071	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Diethyl Phthalate		U		Y	0.073	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Dimethyl Phthalate		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Di-N-Butyl Phthalate		U		Y	0.089	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Di-N-Octylphthalate		U		Y	0.21	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Fluoranthene	1.5			Y	0.067	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Fluorene		U		Y	0.066	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Hexachlorobenzene		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Hexachlorobutadiene		U		Y	0.072	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Hexachlorocyclopentadiene		U		Y	0.086	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Hexachloroethane		U		Y	0.082	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Indeno(1,2,3-C,D)Pyrene	0.67			Y	0.15	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Isophorone		U		Y	0.079	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Naphthalene	0.41			Y	0.1	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Naphthalene-D8	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Nitrobenzene		U		Y	0.077	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Nitrobenzene-D5	49.2			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	N-Nitrosodimethylamine		U		Y	0.26	0.41	4
LB-26-COMP 1-0-4	17B0503-06	N-Nitrosodi-N-Propylamine		U		Y	0.084	0.41	4
LB-26-COMP 1-0-4	17B0503-06	N-Nitrosodiphenylamine		U		Y	0.084	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Pentachloronitrobenzene		U		Y	0.097	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Pentachlorophenol		U		Y	0.098	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Perylene-D12	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Phenanthrene	1.2			Y	0.11	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Phenanthrene-D10	1.6			Y			4
LB-26-COMP 1-0-4	17B0503-06	Phenol		U		Y	0.07	0.41	4

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LB-26-COMP 1-0-4	17B0503-06	Phenol-D6	50.8			Y		0.41	4
LB-26-COMP 1-0-4	17B0503-06	Pyrene	1.5			Y	0.067	0.2	4
LB-26-COMP 1-0-4	17B0503-06	Pyridine		U		Y	0.066	0.41	4
LB-26-COMP 1-0-4	17B0503-06	Terphenyl-D14	63.3			Y		0.41	4
LB-26-COMP 2-4-7.8	17B0503-07	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,4-Dichlorobenzene		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	1-Methylnaphthalene		U		Y	0.08	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4,6-Tribromophenol	83.3			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4,6-Trichlorophenol		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4-Dinitrophenol		U		Y	0.24	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Chlorophenol		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Fluorobiphenyl	74.6			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Fluorophenol	68.6			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Methylnaphthalene		U		Y	0.073	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Nitroaniline		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	2-Nitrophenol		U		Y	0.11	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	3-Nitroaniline		U		Y	0.06	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Chloroaniline		U	UJ	Y	0.096	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Nitroaniline		U		Y	0.07	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	4-Nitrophenol		U		Y	0.091	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	Acenaphthene		U		Y	0.063	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Acenaphthene-D10	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Acenaphthylene		U		Y	0.07	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Acetophenone		U		Y	0.083	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Aniline		U		Y	0.12	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Anthracene		U		Y	0.06	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzidine		U	UJ	Y	0.52	0.81	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(A)Anthracene	0.23			Y	0.056	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(A)Pyrene		U		Y	0.065	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(B)Fluoranthene	0.28			Y	0.059	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(G,H,I)Perylene		U		Y	0.093	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzo(K)Fluoranthene		U		Y	0.065	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-26-COMP 2-4-7.8	17B0503-07	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Carbazole		U		Y	0.054	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Chrysene	0.24			Y	0.065	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Chrysene-D12	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Dibenzofuran		U		Y	0.073	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Fluoranthene	0.48			Y	0.069	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Fluorene		U		Y	0.068	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Hexachlorobenzene		U		Y	0.074	0.42	4

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LB-26-COMP 2-4-7.8	17B0503-07	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Hexachloroethane		U		Y	0.084	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Isophorone		U		Y	0.081	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Naphthalene		U		Y	0.11	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Naphthalene-D8	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Nitrobenzene		U		Y	0.079	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Nitrobenzene-D5	54.9			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Pentachlorophenol		U		Y	0.1	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Perylene-D12	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Phenanthrene	0.41			Y	0.11	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Phenanthrene-D10	1.6			Y			4
LB-26-COMP 2-4-7.8	17B0503-07	Phenol		U		Y	0.072	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Phenol-D6	73.7			Y		0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Pyrene	0.47			Y	0.069	0.21	4
LB-26-COMP 2-4-7.8	17B0503-07	Pyridine		U		Y	0.068	0.42	4
LB-26-COMP 2-4-7.8	17B0503-07	Terphenyl-D14	80.6			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,2-Diphenylhydrazine		U		Y	0.067	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,3-Dichlorobenzene		U		Y	0.071	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,4-Dichlorobenzene		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	1-Methylnaphthalene	1.9			Y	0.08	0.21	4
LB-27-COMP 1-0-4	17B0503-08	2,4,5-Trichlorophenol		U	UJ	Y	0.094	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4,6-Tribromophenol	55.5			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4,6-Trichlorophenol		U	UJ	Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4-Dichlorophenol		U		Y	0.071	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4-Dimethylphenol		U		Y	0.077	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,4-Dinitrophenol		U	UJ	Y	0.24	0.81	4
LB-27-COMP 1-0-4	17B0503-08	2,4-Dinitrotoluene		U		Y	0.067	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Chlorophenol		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Fluorobiphenyl	55.9			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Fluorophenol	48.1			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Methylnaphthalene	2.6			Y	0.072	0.21	4
LB-27-COMP 1-0-4	17B0503-08	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Nitroaniline		U		Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	2-Nitrophenol		U		Y	0.11	0.42	4
LB-27-COMP 1-0-4	17B0503-08	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-27-COMP 1-0-4	17B0503-08	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-27-COMP 1-0-4	17B0503-08	3-Nitroaniline		U		Y	0.06	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-27-COMP 1-0-4	17B0503-08	4-Chloroaniline		U	UJ	Y	0.096	0.81	4
LB-27-COMP 1-0-4	17B0503-08	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4-Nitroaniline		U		Y	0.07	0.42	4
LB-27-COMP 1-0-4	17B0503-08	4-Nitrophenol		U	UJ	Y	0.091	0.81	4
LB-27-COMP 1-0-4	17B0503-08	Acenaphthene	0.55			Y	0.063	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Acenaphthene-D10	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Acenaphthylene		U		Y	0.07	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Acetophenone		U		Y	0.082	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Aniline		U		Y	0.12	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Anthracene	0.73			Y	0.06	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzidine		U	UJ	Y	0.52	0.81	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(A)Anthracene	2.2			Y	0.055	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(A)Pyrene	1.8			Y	0.065	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(B)Fluoranthene	2.4			Y	0.059	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(G,H,I)Perylene	1.8			Y	0.092	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Benzo(K)Fluoranthene	0.82			Y	0.065	0.21	4

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LB-27-COMP 1-0-4	17B0503-08	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-27-COMP 1-0-4	17B0503-08	Benzyl Butyl Phthalate		U		Y	0.099	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.082	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Carbazole	0.44			Y	0.054	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Chrysene	2.1			Y	0.065	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Chrysene-D12	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Dibenz(A,H)Anthracene	0.43			Y	0.13	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Dibenzofuran	1.2			Y	0.072	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Fluorene	0.7			Y	0.067	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Hexachlorocyclopentadiene		U		Y	0.088	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Hexachloroethane		U		Y	0.083	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Indeno(1,2,3-C,D)Pyrene	1.8			Y	0.15	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Isophorone		U		Y	0.081	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Naphthalene	1.9			Y	0.11	0.21	4
LB-27-COMP 1-0-4	17B0503-08	Naphthalene-D8	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Nitrobenzene		U		Y	0.079	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Nitrobenzene-D5	46.8			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	N-Nitrosodimethylamine		U		Y	0.26	0.42	4
LB-27-COMP 1-0-4	17B0503-08	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-27-COMP 1-0-4	17B0503-08	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Pentachloronitrobenzene		U		Y	0.099	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Pentachlorophenol		U		Y	0.1	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Perylene-D12	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Phenanthrene-D10	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08	Phenol		U		Y	0.071	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Phenol-D6	49.8			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08	Pyridine		U		Y	0.067	0.42	4
LB-27-COMP 1-0-4	17B0503-08	Terphenyl-D14	69.5			Y		0.42	4
LB-27-COMP 1-0-4	17B0503-08RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	2,4,6-Tribromophenol	48.3			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	2-Fluorobiphenyl	55.7			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	2-Fluorophenol	46.7			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	Acenaphthene-D10	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Chrysene-D12	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Fluoranthene	4.8	D		Y	0.27	0.83	4
LB-27-COMP 1-0-4	17B0503-08RE1	Naphthalene-D8	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Nitrobenzene-D5	47.1			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	Perylene-D12	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Phenanthrene	4.7	D		Y	0.43	0.83	4
LB-27-COMP 1-0-4	17B0503-08RE1	Phenanthrene-D10	6.5			Y			4
LB-27-COMP 1-0-4	17B0503-08RE1	Phenol-D6	49.7			Y		1.7	4
LB-27-COMP 1-0-4	17B0503-08RE1	Pyrene	4.3	D		Y	0.27	0.83	4
LB-27-COMP 1-0-4	17B0503-08RE1	Terphenyl-D14	50.4			Y		1.7	4
LB-27-COMP 2-4-10.3	17B0503-09	1,2,4,5-Tetrachlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,2,4-Trichlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,2-Dichlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,2-Diphenylhydrazine		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,3-Dichlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,4-Dichlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	1-Methylnaphthalene	2.1	D		Y	0.15	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4,5-Trichlorophenol		U		Y	0.18	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4,6-Tribromophenol	15.8			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4,6-Trichlorophenol		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4-Dichlorophenol		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4-Dimethylphenol		U		Y	0.15	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4-Dinitrophenol		U		Y	0.46	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	2,4-Dinitrotoluene		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2,6-Dinitrotoluene		U		Y	0.14	0.8	4

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LB-27-COMP 2-4-10.3	17B0503-09	2-Chloronaphthalene		U		Y	0.15	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Chlorophenol		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Fluorobiphenyl	75.8			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Fluorophenol	47.2			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Methylnaphthalene	3	D		Y	0.14	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Methylphenol (O-Cresol)		U		Y	0.2	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Nitroaniline		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	2-Nitrophenol		U		Y	0.21	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	3- And 4- Methylphenol (Total)		U		Y	0.25	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	3,3'-Dichlorobenzidine		U		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	3-Nitroaniline		U		Y	0.12	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4,6-Dinitro-2-Methylphenol		U		Y	0.76	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Bromophenyl Phenyl Ether		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Chloro-3-Methylphenol		U		Y	0.17	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Chloroaniline		U	UJ	Y	0.18	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Chlorophenyl Phenyl Ether		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Nitroaniline		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	4-Nitrophenol		U		Y	0.17	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	Acenaphthene	0.59	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Acenaphthene-D10	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Acenaphthylene		U		Y	0.13	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Acetophenone		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Aniline		U		Y	0.23	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Anthracene	0.95	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzidine		U	UJ	Y	1	1.6	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(A)Anthracene	1.6	D		Y	0.11	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(A)Pyrene	1.1	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(B)Fluoranthene	1.4	D		Y	0.11	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(G,H,I)Perylene		U		Y	0.18	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzo(K)Fluoranthene	0.53	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzoic Acid		U	UJ	Y	0.43	2.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Benzyl Butyl Phthalate		U		Y	0.19	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Bis(2-Chloroethoxy) Methane		U		Y	0.15	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Bis(2-Chloroisopropyl) Ether		U		Y	0.17	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Bis(2-Ethylhexyl) Phthalate		U		Y	0.31	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Carbazole		U		Y	0.1	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Chrysene	1.4	D		Y	0.12	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Chrysene-D12	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Dibenz(A,H)Anthracene		U		Y	0.24	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Dibenzofuran	1.3	D		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Diethyl Phthalate		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Dimethyl Phthalate		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Di-N-Butyl Phthalate		U		Y	0.17	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Di-N-Octylphthalate		U		Y	0.42	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Fluoranthene	3	D		Y	0.13	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Fluorene	0.86	D		Y	0.13	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Hexachlorobenzene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Hexachlorobutadiene		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Hexachlorocyclopentadiene		U		Y	0.17	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Hexachloroethane		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Indeno(1,2,3-C,D)Pyrene	0.49	D		Y	0.29	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Isophorone		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Naphthalene	2.2	D		Y	0.2	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Naphthalene-D8	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Nitrobenzene		U		Y	0.15	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Nitrobenzene-D5	28.8			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	N-Nitrosodimethylamine		U		Y	0.51	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	N-Nitrosodi-N-Propylamine		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	N-Nitrosodiphenylamine		U		Y	0.16	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Pentachloronitrobenzene		U		Y	0.19	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Pentachlorophenol		U		Y	0.19	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Perylene-D12	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Phenanthrene	4.4	D		Y	0.21	0.4	4
LB-27-COMP 2-4-10.3	17B0503-09	Phenanthrene-D10	1.6			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Phenol		U		Y	0.14	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Phenol-D6	62.5			Y		0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Pyrene	2.5	D		Y	0.13	0.4	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-27-COMP 2-4-10.3	17B0503-09	Pyridine		U		Y	0.13	0.8	4
LB-27-COMP 2-4-10.3	17B0503-09	Terphenyl-D14	71			Y		0.8	4
LB-28-COMP 1-0-4	17B0503-10	1,2,4,5-Tetrachlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,2,4-Trichlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,2-Dichlorobenzene		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,2-Diphenylhydrazine		U		Y	0.069	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,3-Dichlorobenzene		U		Y	0.073	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,4-Dichlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	1-Methylnaphthalene	0.63			Y	0.082	0.21	4
LB-28-COMP 1-0-4	17B0503-10	2,4,5-Trichlorophenol		U		Y	0.097	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4,6-Tribromophenol	60.7			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4,6-Trichlorophenol		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4-Dichlorophenol		U		Y	0.073	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4-Dimethylphenol		U		Y	0.079	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,4-Dinitrophenol		U		Y	0.24	0.83	4
LB-28-COMP 1-0-4	17B0503-10	2,4-Dinitrotoluene		U		Y	0.069	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2,6-Dinitrotoluene		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Chloronaphthalene		U		Y	0.08	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Chlorophenol		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Fluorobiphenyl	67.6			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Fluorophenol	50.1			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Methylnaphthalene	0.75			Y	0.074	0.21	4
LB-28-COMP 1-0-4	17B0503-10	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Nitroaniline		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	2-Nitrophenol		U		Y	0.11	0.43	4
LB-28-COMP 1-0-4	17B0503-10	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-28-COMP 1-0-4	17B0503-10	3,3'-Dichlorobenzidine		U		Y	0.065	0.21	4
LB-28-COMP 1-0-4	17B0503-10	3-Nitroaniline		U		Y	0.062	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4-Bromophenyl Phenyl Ether		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4-Chloro-3-Methylphenol		U		Y	0.092	0.83	4
LB-28-COMP 1-0-4	17B0503-10	4-Chloroaniline		U	UJ	Y	0.098	0.83	4
LB-28-COMP 1-0-4	17B0503-10	4-Chlorophenyl Phenyl Ether		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4-Nitroaniline		U		Y	0.072	0.43	4
LB-28-COMP 1-0-4	17B0503-10	4-Nitrophenol		U		Y	0.093	0.83	4
LB-28-COMP 1-0-4	17B0503-10	Acenaphthene	5			Y	0.064	0.21	4
LB-28-COMP 1-0-4	17B0503-10	Acenaphthene-D10	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Acenaphthylene	0.35			Y	0.072	0.21	4
LB-28-COMP 1-0-4	17B0503-10	Acetophenone		U		Y	0.084	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Aniline		U		Y	0.12	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Benzidine		U	UJ	Y	0.53	0.83	4
LB-28-COMP 1-0-4	17B0503-10	Benzoic Acid		U	UJ	Y	0.23	1.3	4
LB-28-COMP 1-0-4	17B0503-10	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Bis(2-Chloroethoxy) Methane		U		Y	0.082	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.084	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Bis(2-Chloroisopropyl) Ether		U		Y	0.092	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Chrysene-D12	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Dibenzofuran	2.1			Y	0.074	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Diethyl Phthalate		U		Y	0.077	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Dimethyl Phthalate		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Di-N-Butyl Phthalate		U		Y	0.093	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Di-N-Octylphthalate		U		Y	0.22	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Fluorene	3.6			Y	0.069	0.21	4
LB-28-COMP 1-0-4	17B0503-10	Hexachlorobenzene		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Hexachlorobutadiene		U		Y	0.075	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Hexachlorocyclopentadiene		U		Y	0.09	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Hexachloroethane		U		Y	0.085	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Isophorone		U		Y	0.083	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Naphthalene	1.7			Y	0.11	0.21	4
LB-28-COMP 1-0-4	17B0503-10	Naphthalene-D8	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Nitrobenzene		U		Y	0.08	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Nitrobenzene-D5	61			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-28-COMP 1-0-4	17B0503-10	N-Nitrosodi-N-Propylamine		U		Y	0.088	0.43	4
LB-28-COMP 1-0-4	17B0503-10	N-Nitrosodiphenylamine		U		Y	0.088	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Pentachloronitrobenzene		U		Y	0.1	0.43	4

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LB-28-COMP 1-0-4	17B0503-10	Pentachlorophenol		U		Y	0.1	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Perylene-D12	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Phenanthrene-D10	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10	Phenol		U		Y	0.073	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Phenol-D6	56.6			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10	Pyridine		U		Y	0.069	0.43	4
LB-28-COMP 1-0-4	17B0503-10	Terphenyl-D14	76.6			Y		0.43	4
LB-28-COMP 1-0-4	17B0503-10RE1	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	2,4,6-Tribromophenol		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	2-Fluorobiphenyl		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	2-Fluorophenol		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	Acenaphthene-D10	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Anthracene	8.7	D		Y	1.2	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(A)Anthracene	30	D		Y	1.1	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(A)Pyrene	26	D		Y	1.3	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(B)Fluoranthene	33	D		Y	1.2	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(G,H,I)Perylene	12	D		Y	1.9	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Benzo(K)Fluoranthene	13	D		Y	1.3	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Carbazole	5.3	D		Y	1.1	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Chrysene	29	D		Y	1.3	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Chrysene-D12	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Fluoranthene	55	D		Y	1.4	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Indeno(1,2,3-C,D)Pyrene	15	D		Y	3.1	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Naphthalene-D8	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Nitrobenzene-D5		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	Perylene-D12	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Phenanthrene	38	D		Y	2.2	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Phenanthrene-D10	34			Y			4
LB-28-COMP 1-0-4	17B0503-10RE1	Phenol-D6		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE1	Pyrene	51	D		Y	1.4	4.3	4
LB-28-COMP 1-0-4	17B0503-10RE1	Terphenyl-D14		U		Y		8.5	4
LB-28-COMP 1-0-4	17B0503-10RE2	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	2,4,6-Tribromophenol	51			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	2-Fluorobiphenyl	66.8			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	2-Fluorophenol	50.4			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	Acenaphthene-D10	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Chrysene-D12	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Dibenz(A,H)Anthracene	3.9	D		Y	1.3	2.1	4
LB-28-COMP 1-0-4	17B0503-10RE2	Naphthalene-D8	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Nitrobenzene-D5	61.6			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	Perylene-D12	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Phenanthrene-D10	17			Y			4
LB-28-COMP 1-0-4	17B0503-10RE2	Phenol-D6	56.6			Y		4.3	4
LB-28-COMP 1-0-4	17B0503-10RE2	Terphenyl-D14	63.9			Y		4.3	4
LB-08-COMP 1-0-4	17B0503-11	1,2,4,5-Tetrachlorobenzene		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,2,4-Trichlorobenzene		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,4-Dichlorobenzene		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	1-Methylnaphthalene	0.24			Y	0.081	0.21	4
LB-08-COMP 1-0-4	17B0503-11	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4,6-Tribromophenol	17			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4,6-Trichlorophenol		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,4-Dinitrophenol		U		Y	0.24	0.82	4
LB-08-COMP 1-0-4	17B0503-11	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Chlorophenol		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Fluorobiphenyl	64			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Fluorophenol	42.4			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Methylnaphthalene	0.27			Y	0.073	0.21	4
LB-08-COMP 1-0-4	17B0503-11	2-Methylphenol (O-Cresol)		U		Y	0.11	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Nitroaniline		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	2-Nitrophenol		U		Y	0.11	0.42	4

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LB-08-COMP 1-0-4	17B0503-11	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-08-COMP 1-0-4	17B0503-11	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-08-COMP 1-0-4	17B0503-11	3-Nitroaniline		U		Y	0.061	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4-Bromophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4-Chloro-3-Methylphenol		U		Y	0.09	0.82	4
LB-08-COMP 1-0-4	17B0503-11	4-Chloroaniline		U	UJ	Y	0.097	0.82	4
LB-08-COMP 1-0-4	17B0503-11	4-Chlorophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4-Nitroaniline		U		Y	0.071	0.42	4
LB-08-COMP 1-0-4	17B0503-11	4-Nitrophenol		U	UJ	Y	0.092	0.82	4
LB-08-COMP 1-0-4	17B0503-11	Acenaphthene		U		Y	0.063	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Acenaphthene-D10	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Acenaphthylene		U		Y	0.071	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Acetophenone		U		Y	0.083	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Aniline		U		Y	0.12	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Anthracene	0.4			Y	0.061	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzidine		U	UJ	Y	0.53	0.82	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(A)Anthracene	1.2			Y	0.056	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(A)Pyrene	0.98			Y	0.066	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(B)Fluoranthene	1.3			Y	0.06	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(G,H,I)Perylene	0.68			Y	0.093	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzo(K)Fluoranthene	0.45			Y	0.066	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-08-COMP 1-0-4	17B0503-11	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Bis(2-Chloroethoxy) Methane		U		Y	0.081	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Carbazole		U		Y	0.055	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Chrysene	1.3			Y	0.066	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Chrysene-D12	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Dibenzofuran		U		Y	0.073	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Diethyl Phthalate		U		Y	0.076	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Di-N-Butyl Phthalate		U		Y	0.092	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Fluoranthene	2.5			Y	0.069	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Fluorene	0.22			Y	0.068	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Hexachloroethane		U		Y	0.084	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Indeno(1,2,3-C,D)Pyrene	0.76			Y	0.15	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Isophorone		U		Y	0.082	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Naphthalene	0.26			Y	0.11	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Naphthalene-D8	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Nitrobenzene		U		Y	0.079	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Nitrobenzene-D5	57.9			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-08-COMP 1-0-4	17B0503-11	N-Nitrosodi-N-Propylamine		U		Y	0.087	0.42	4
LB-08-COMP 1-0-4	17B0503-11	N-Nitrosodiphenylamine		U		Y	0.087	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Pentachlorophenol		U		Y	0.1	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Perylene-D12	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Phenanthrene	2			Y	0.11	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Phenanthrene-D10	1.7			Y			4
LB-08-COMP 1-0-4	17B0503-11	Phenol		U		Y	0.072	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Phenol-D6	54.1			Y		0.42	4
LB-08-COMP 1-0-4	17B0503-11	Pyrene	2.4			Y	0.069	0.21	4
LB-08-COMP 1-0-4	17B0503-11	Pyridine		U		Y	0.068	0.42	4
LB-08-COMP 1-0-4	17B0503-11	Terphenyl-D14	65.9			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	1,4-Dichlorobenzene		U		Y	0.075	0.42	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-08-COMP 2-4-10.2	17B0503-12	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	1-Methylnaphthalene		U		Y	0.08	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,6-Tribromophenol	47.7			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4,6-Trichlorophenol		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4-Dinitrophenol		U		Y	0.24	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Chlorophenol		U		Y	0.075	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Fluorobiphenyl	53			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Fluorophenol	45.7			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Methylnaphthalene		U		Y	0.073	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Nitroaniline		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	2-Nitrophenol		U		Y	0.11	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	3-Nitroaniline		U		Y	0.06	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Chloroaniline		U	UJ	Y	0.096	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Nitroaniline		U		Y	0.07	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	4-Nitrophenol		U		Y	0.091	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	Acenaphthene		U		Y	0.063	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Acenaphthene-D10	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Acenaphthylene		U		Y	0.07	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Acetophenone		U		Y	0.083	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Aniline		U		Y	0.12	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Anthracene		U		Y	0.06	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzidine		U	UJ	Y	0.52	0.81	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(A)Anthracene		U		Y	0.055	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(A)Pyrene		U		Y	0.065	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(B)Fluoranthene	0.22			Y	0.059	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(G,H,I)Perylene		U		Y	0.092	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzo(K)Fluoranthene		U		Y	0.065	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-08-COMP 2-4-10.2	17B0503-12	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Carbazole		U		Y	0.054	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Chrysene	0.25			Y	0.065	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Chrysene-D12	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Dibenzofuran		U		Y	0.073	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Fluoranthene	0.43			Y	0.069	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Fluorene		U		Y	0.068	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Hexachloroethane		U		Y	0.084	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Isophorone		U		Y	0.081	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Naphthalene		U		Y	0.11	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Naphthalene-D8	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Nitrobenzene		U		Y	0.079	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Nitrobenzene-D5	45.6			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	N-Nitrosodimethylamine		U		Y	0.27	0.42	4

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LB-08-COMP 2-4-10.2	17B0503-12	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Pentachlorophenol		U		Y	0.1	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Perylene-D12	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Phenanthrene	0.44			Y	0.11	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Phenanthrene-D10	1.6			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Phenol		U		Y	0.072	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Phenol-D6	47.2			Y		0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Pyrene	0.4			Y	0.069	0.21	4
LB-08-COMP 2-4-10.2	17B0503-12	Pyridine		U		Y	0.068	0.42	4
LB-08-COMP 2-4-10.2	17B0503-12	Terphenyl-D14	54.5			Y		0.42	4
LB-09-COMP 1-0-4	17B0503-13	1,2,4,5-Tetrachlorobenzene		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,2,4-Trichlorobenzene		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,2-Dichlorobenzene		U		Y	0.076	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,2-Diphenylhydrazine		U		Y	0.07	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,3-Dichlorobenzene		U		Y	0.074	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,4-Dichlorobenzene		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	1-Methylnaphthalene	3.1			Y	0.083	0.22	4
LB-09-COMP 1-0-4	17B0503-13	2,4,5-Trichlorophenol		U	UJ	Y	0.098	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4,6-Tribromophenol	13			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4,6-Trichlorophenol		U	UJ	Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4-Dichlorophenol		U		Y	0.074	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4-Dimethylphenol		U		Y	0.08	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,4-Dinitrophenol		U	UJ	Y	0.25	0.84	4
LB-09-COMP 1-0-4	17B0503-13	2,4-Dinitrotoluene		U		Y	0.07	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2,6-Dinitrotoluene		U		Y	0.076	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Chloronaphthalene		U		Y	0.082	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Chlorophenol		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Fluorobiphenyl	56.4			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Fluorophenol	42.5			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Methylnaphthalene	4.5			Y	0.075	0.22	4
LB-09-COMP 1-0-4	17B0503-13	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Nitroaniline		U		Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	2-Nitrophenol		U		Y	0.11	0.43	4
LB-09-COMP 1-0-4	17B0503-13	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-09-COMP 1-0-4	17B0503-13	3,3'-Dichlorobenzidine		U		Y	0.066	0.22	4
LB-09-COMP 1-0-4	17B0503-13	3-Nitroaniline		U		Y	0.062	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4-Bromophenyl Phenyl Ether		U		Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4-Chloro-3-Methylphenol		U		Y	0.093	0.84	4
LB-09-COMP 1-0-4	17B0503-13	4-Chloroaniline		U	UJ	Y	0.099	0.84	4
LB-09-COMP 1-0-4	17B0503-13	4-Chlorophenyl Phenyl Ether		U		Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4-Nitroaniline		U		Y	0.073	0.43	4
LB-09-COMP 1-0-4	17B0503-13	4-Nitrophenol		U	UJ	Y	0.094	0.84	4
LB-09-COMP 1-0-4	17B0503-13	Acenaphthene	1.9			Y	0.065	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Acenaphthene-D10	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Acenaphthylene		U		Y	0.073	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Acetophenone		U		Y	0.085	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Aniline		U		Y	0.12	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Anthracene	2.7			Y	0.062	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Benzidine		U	UJ	Y	0.54	0.84	4
LB-09-COMP 1-0-4	17B0503-13	Benzo(A)Pyrene	4.6			Y	0.068	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Benzo(G,H,I)Perylene	3.6			Y	0.096	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Benzo(K)Fluoranthene	2.1			Y	0.068	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Benzoic Acid		U	UJ	Y	0.23	1.3	4
LB-09-COMP 1-0-4	17B0503-13	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Bis(2-Chloroethoxy) Methane		U		Y	0.083	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.085	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Bis(2-Chloroisopropyl) Ether		U		Y	0.093	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Carbazole	1.5			Y	0.056	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Chrysene-D12	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Dibenz(A,H)Anthracene	0.96			Y	0.13	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Dibenzofuran	1.3			Y	0.075	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Diethyl Phthalate		U		Y	0.078	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Dimethyl Phthalate		U		Y	0.076	0.43	4

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LB-09-COMP 1-0-4	17B0503-13	Di-N-Butyl Phthalate		U		Y	0.094	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Di-N-Octylphthalate		U		Y	0.23	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Fluorene	2.7			Y	0.07	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Hexachlorobenzene		U		Y	0.076	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Hexachlorobutadiene		U		Y	0.076	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Hexachlorocyclopentadiene		U		Y	0.092	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Hexachloroethane		U		Y	0.087	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Indeno(1,2,3-C,D)Pyrene	4.2			Y	0.16	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Isophorone		U		Y	0.084	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Naphthalene	1.1			Y	0.11	0.22	4
LB-09-COMP 1-0-4	17B0503-13	Naphthalene-D8	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Nitrobenzene		U		Y	0.082	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Nitrobenzene-D5	35.4			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-09-COMP 1-0-4	17B0503-13	N-Nitrosodi-N-Propylamine		U		Y	0.089	0.43	4
LB-09-COMP 1-0-4	17B0503-13	N-Nitrosodiphenylamine		U		Y	0.089	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Pentachloronitrobenzene		U		Y	0.1	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Pentachlorophenol		U		Y	0.1	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Perylene-D12	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Phenanthrene-D10	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13	Phenol		U		Y	0.074	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Phenol-D6	52.2			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13	Pyridine		U		Y	0.07	0.43	4
LB-09-COMP 1-0-4	17B0503-13	Terphenyl-D14	82.5			Y		0.43	4
LB-09-COMP 1-0-4	17B0503-13RE1	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	2,4,6-Tribromophenol	9.92			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	2-Fluorobiphenyl	56.2			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	2-Fluorophenol	38.7			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	Acenaphthene-D10	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Benzo(A)Anthracene	5.1	D		Y	0.29	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Benzo(B)Fluoranthene	5.8	D		Y	0.31	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Chrysene	5.5	D		Y	0.34	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Chrysene-D12	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Fluoranthene	13	D		Y	0.36	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Naphthalene-D8	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Nitrobenzene-D5	37.5			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	Perylene-D12	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Phenanthrene	14	D		Y	0.56	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Phenanthrene-D10	8.5			Y			4
LB-09-COMP 1-0-4	17B0503-13RE1	Phenol-D6	49.1			Y		2.2	4
LB-09-COMP 1-0-4	17B0503-13RE1	Pyrene	10	D		Y	0.36	1.1	4
LB-09-COMP 1-0-4	17B0503-13RE1	Terphenyl-D14	50.8			Y		2.2	4
LB-09-COMP 2-4-10.7	17B0503-14	1,2,4,5-Tetrachlorobenzene		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,2,4-Trichlorobenzene		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,2-Dichlorobenzene		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,2-Diphenylhydrazine		U		Y	0.072	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,3-Dichlorobenzene		U		Y	0.076	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,4-Dichlorobenzene		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	1-Methylnaphthalene	0.97			Y	0.085	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4,5-Trichlorophenol		U	UJ	Y	0.1	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4,6-Tribromophenol	19.3			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4,6-Trichlorophenol		U	UJ	Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4-Dichlorophenol		U		Y	0.076	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4-Dimethylphenol		U		Y	0.082	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4-Dinitrophenol		U	UJ	Y	0.25	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	2,4-Dinitrotoluene		U		Y	0.072	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2,6-Dinitrotoluene		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Chloronaphthalene		U		Y	0.084	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Chlorophenol		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Fluorobiphenyl	57.7			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Fluorophenol	49.9			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Methylnaphthalene	1.5			Y	0.077	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Methylphenol (O-Cresol)		U		Y	0.11	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Nitroaniline		U		Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	2-Nitrophenol		U		Y	0.12	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	3- And 4- Methylphenol (Total)		U		Y	0.14	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	3,3'-Dichlorobenzidine		U		Y	0.068	0.22	4

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LB-09-COMP 2-4-10.7	17B0503-14	3-Nitroaniline		U		Y	0.064	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4,6-Dinitro-2-Methylphenol		U		Y	0.42	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Bromophenyl Phenyl Ether		U		Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Chloro-3-Methylphenol		U		Y	0.096	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Chloroaniline		U	UJ	Y	0.1	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Chlorophenyl Phenyl Ether		U		Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Nitroaniline		U		Y	0.075	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	4-Nitrophenol		U	UJ	Y	0.097	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	Acenaphthene	0.68			Y	0.067	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Acenaphthene-D10	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Acenaphthylene		U		Y	0.075	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Acetophenone		U		Y	0.088	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Aniline		U		Y	0.13	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Anthracene	1.1			Y	0.064	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzidine		U	UJ	Y	0.56	0.86	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(A)Anthracene	2.2			Y	0.059	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(A)Pyrene	1.5			Y	0.069	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(B)Fluoranthene	2			Y	0.063	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(G,H,I)Perylene	1.1			Y	0.098	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzo(K)Fluoranthene	0.66			Y	0.069	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzoic Acid		U	UJ	Y	0.24	1.3	4
LB-09-COMP 2-4-10.7	17B0503-14	Benzyl Butyl Phthalate		U		Y	0.11	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Bis(2-Chloroethoxy) Methane		U		Y	0.085	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.088	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Bis(2-Chloroisopropyl) Ether		U		Y	0.096	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Carbazole	0.27			Y	0.058	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Chrysene	2.1			Y	0.069	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Chrysene-D12	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Dibenz(A,H)Anthracene		U		Y	0.14	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Dibenzofuran		U		Y	0.077	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Diethyl Phthalate		U		Y	0.08	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Dimethyl Phthalate		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Di-N-Butyl Phthalate		U		Y	0.097	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Di-N-Octylphthalate		U		Y	0.23	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Fluoranthene	4.6			Y	0.073	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Fluorene	0.88			Y	0.072	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Hexachlorobenzene		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Hexachlorobutadiene		U		Y	0.079	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Hexachlorocyclopentadiene		U		Y	0.094	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Hexachloroethane		U		Y	0.089	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Indeno(1,2,3-C,D)Pyrene	1.2			Y	0.16	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Isophorone		U		Y	0.086	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Naphthalene	0.47			Y	0.11	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Naphthalene-D8	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Nitrobenzene		U		Y	0.084	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Nitrobenzene-D5	49.1			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	N-Nitrosodimethylamine		U		Y	0.28	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	N-Nitrosodi-N-Propylamine		U		Y	0.092	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	N-Nitrosodiphenylamine		U		Y	0.092	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Pentachloronitrobenzene		U		Y	0.11	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Pentachlorophenol		U		Y	0.11	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Perylene-D12	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Phenanthrene	5.2			Y	0.12	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Phenanthrene-D10	1.7			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Phenol		U		Y	0.076	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Phenol-D6	57.9			Y		0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Pyrene	5.2			Y	0.073	0.22	4
LB-09-COMP 2-4-10.7	17B0503-14	Pyridine		U		Y	0.072	0.45	4
LB-09-COMP 2-4-10.7	17B0503-14	Terphenyl-D14	65.1			Y		0.45	4
LB-11-COMP 2-4-9	17B0503-15	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,3-Dichlorobenzene		U		Y	0.071	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,4-Dichlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	1-Methylnaphthalene	0.31			Y	0.08	0.21	4

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LB-11-COMP 2-4-9	17B0503-15	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4,6-Tribromophenol	65			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4,6-Trichlorophenol		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4-Dichlorophenol		U		Y	0.071	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4-Dimethylphenol		U		Y	0.077	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,4-Dinitrophenol		U		Y	0.24	0.81	4
LB-11-COMP 2-4-9	17B0503-15	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Chlorophenol		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Fluorobiphenyl	66.8			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Fluorophenol	55.2			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Methylnaphthalene	0.57			Y	0.072	0.21	4
LB-11-COMP 2-4-9	17B0503-15	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Nitroaniline		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	2-Nitrophenol		U		Y	0.11	0.42	4
LB-11-COMP 2-4-9	17B0503-15	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-11-COMP 2-4-9	17B0503-15	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-11-COMP 2-4-9	17B0503-15	3-Nitroaniline		U		Y	0.06	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-11-COMP 2-4-9	17B0503-15	4-Chloroaniline		U	UJ	Y	0.096	0.81	4
LB-11-COMP 2-4-9	17B0503-15	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4-Nitroaniline		U		Y	0.07	0.42	4
LB-11-COMP 2-4-9	17B0503-15	4-Nitrophenol		U		Y	0.091	0.81	4
LB-11-COMP 2-4-9	17B0503-15	Acenaphthene	0.4			Y	0.063	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Acenaphthene-D10	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Acenaphthylene		U		Y	0.07	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Acetophenone		U		Y	0.082	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Aniline		U		Y	0.12	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Anthracene	0.65			Y	0.06	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzidine		U	UJ	Y	0.52	0.81	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(A)Anthracene	1.6			Y	0.055	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(A)Pyrene	1.2			Y	0.065	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(B)Fluoranthene	1.6			Y	0.059	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(G,H,I)Perylene	0.85			Y	0.092	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzo(K)Fluoranthene	0.53			Y	0.065	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Benzoic Acid		U	UJ	Y	0.22	1.2	4
LB-11-COMP 2-4-9	17B0503-15	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.082	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Carbazole	0.36			Y	0.054	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Chrysene	1.9			Y	0.065	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Chrysene-D12	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Dibenzofuran		U		Y	0.072	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Fluoranthene	2.4			Y	0.069	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Fluorene	0.57			Y	0.068	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Hexachlorocyclopentadiene		U		Y	0.088	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Hexachloroethane		U		Y	0.084	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Indeno(1,2,3-C,D)Pyrene	0.96			Y	0.15	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Isophorone		U		Y	0.081	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Naphthalene	0.56			Y	0.11	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Naphthalene-D8	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Nitrobenzene		U		Y	0.079	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Nitrobenzene-D5	39.5			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	N-Nitrosodimethylamine		U		Y	0.26	0.42	4
LB-11-COMP 2-4-9	17B0503-15	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-11-COMP 2-4-9	17B0503-15	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4

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LB-11-COMP 2-4-9	17B0503-15	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Pentachlorophenol		U		Y	0.1	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Perylene-D12	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Phenanthrene	3			Y	0.11	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Phenanthrene-D10	1.6			Y			4
LB-11-COMP 2-4-9	17B0503-15	Phenol		U		Y	0.071	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Phenol-D6	59.1			Y		0.42	4
LB-11-COMP 2-4-9	17B0503-15	Pyrene	3.6			Y	0.069	0.21	4
LB-11-COMP 2-4-9	17B0503-15	Pyridine		U		Y	0.068	0.42	4
LB-11-COMP 2-4-9	17B0503-15	Terphenyl-D14	87.4			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,2,4,5-Tetrachlorobenzene		U		Y	0.076	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,2,4-Trichlorobenzene		U		Y	0.076	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,2-Dichlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,2-Diphenylhydrazine		U		Y	0.069	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,4-Dichlorobenzene		U		Y	0.076	0.42	4
LB-11-COMP 1-0-4	17B0503-16	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	1-Methylnaphthalene	0.4			Y	0.081	0.21	4
LB-11-COMP 1-0-4	17B0503-16	2,4,5-Trichlorophenol		U		Y	0.096	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4,6-Tribromophenol	86			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4,6-Trichlorophenol		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4-Dimethylphenol		U		Y	0.079	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,4-Dinitrophenol		U		Y	0.24	0.82	4
LB-11-COMP 1-0-4	17B0503-16	2,4-Dinitrotoluene		U		Y	0.069	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2,6-Dinitrotoluene		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Chloronaphthalene		U		Y	0.08	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Chlorophenol		U		Y	0.076	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Fluorobiphenyl	71.4			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Fluorophenol	76.4			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Methylnaphthalene	0.53			Y	0.074	0.21	4
LB-11-COMP 1-0-4	17B0503-16	2-Methylphenol (O-Cresol)		U		Y	0.11	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Nitroaniline		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	2-Nitrophenol		U		Y	0.11	0.42	4
LB-11-COMP 1-0-4	17B0503-16	3- And 4- Methylphenol (Total)		U		Y	0.14	0.42	4
LB-11-COMP 1-0-4	17B0503-16	3,3'-Dichlorobenzidine		U		Y	0.065	0.21	4
LB-11-COMP 1-0-4	17B0503-16	3-Nitroaniline		U		Y	0.061	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4-Bromophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4-Chloro-3-Methylphenol		U		Y	0.091	0.82	4
LB-11-COMP 1-0-4	17B0503-16	4-Chloroaniline		U	UJ	Y	0.098	0.82	4
LB-11-COMP 1-0-4	17B0503-16	4-Chlorophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4-Nitroaniline		U		Y	0.071	0.42	4
LB-11-COMP 1-0-4	17B0503-16	4-Nitrophenol		U		Y	0.092	0.82	4
LB-11-COMP 1-0-4	17B0503-16	Acenaphthene		U		Y	0.064	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Acenaphthene-D10	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Acenaphthylene		U		Y	0.071	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Acetophenone		U		Y	0.084	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Aniline		U		Y	0.12	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Anthracene		U		Y	0.061	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzidine		U	UJ	Y	0.53	0.82	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(A)Anthracene	0.52			Y	0.056	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(A)Pyrene	0.41			Y	0.066	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(B)Fluoranthene	0.55			Y	0.06	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(G,H,I)Perylene	0.29			Y	0.094	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzo(K)Fluoranthene		U		Y	0.066	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Benzoic Acid		U	UJ	Y	0.23	1.2	4
LB-11-COMP 1-0-4	17B0503-16	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Bis(2-Chloroethoxy) Methane		U		Y	0.081	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.084	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Bis(2-Chloroisopropyl) Ether		U		Y	0.091	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Carbazole		U		Y	0.055	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Chrysene	0.52			Y	0.066	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Chrysene-D12	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Dibenzofuran		U		Y	0.074	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Diethyl Phthalate		U		Y	0.076	0.42	4

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LB-11-COMP 1-0-4	17B0503-16	Dimethyl Phthalate		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Di-N-Butyl Phthalate		U		Y	0.092	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Fluoranthene	1			Y	0.07	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Fluorene		U		Y	0.069	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Hexachlorobenzene		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Hexachlorobutadiene		U		Y	0.075	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Hexachlorocyclopentadiene		U		Y	0.09	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Hexachloroethane		U		Y	0.085	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Indeno(1,2,3-C,D)Pyrene	0.32			Y	0.15	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Isophorone		U		Y	0.082	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Naphthalene	0.38			Y	0.11	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Naphthalene-D8	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Nitrobenzene		U		Y	0.08	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Nitrobenzene-D5	69.8			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-11-COMP 1-0-4	17B0503-16	N-Nitrosodi-N-Propylamine		U		Y	0.088	0.42	4
LB-11-COMP 1-0-4	17B0503-16	N-Nitrosodiphenylamine		U		Y	0.088	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Pentachlorophenol		U		Y	0.1	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Perylene-D12	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Phenanthrene	0.96			Y	0.11	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Phenanthrene-D10	1.7			Y			4
LB-11-COMP 1-0-4	17B0503-16	Phenol		U		Y	0.072	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Phenol-D6	79.7			Y		0.42	4
LB-11-COMP 1-0-4	17B0503-16	Pyrene	1.1			Y	0.07	0.21	4
LB-11-COMP 1-0-4	17B0503-16	Pyridine		U		Y	0.069	0.42	4
LB-11-COMP 1-0-4	17B0503-16	Terphenyl-D14	81.4			Y		0.42	4
LB-12-COMP 1-0-4	17B0503-17	1,2,4,5-Tetrachlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,2,4-Trichlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,2-Dichlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,2-Diphenylhydrazine		U		Y	0.35	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,3-Dichlorobenzene		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,4-Dichlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-12-COMP 1-0-4	17B0503-17	1-Methylnaphthalene		U		Y	0.42	1.1	4
LB-12-COMP 1-0-4	17B0503-17	2,4,5-Trichlorophenol		U		Y	0.5	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4,6-Tribromophenol	75			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4,6-Trichlorophenol		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4-Dichlorophenol		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4-Dimethylphenol		U		Y	0.41	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4-Dinitrophenol		U		Y	1.2	4.2	4
LB-12-COMP 1-0-4	17B0503-17	2,4-Dinitrotoluene		U		Y	0.35	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2,6-Dinitrotoluene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Chloronaphthalene		U		Y	0.41	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Chlorophenol		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Fluorobiphenyl	76.3			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Fluorophenol	71.7			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Methylnaphthalene		U		Y	0.38	1.1	4
LB-12-COMP 1-0-4	17B0503-17	2-Methylphenol (O-Cresol)		U		Y	0.55	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Nitroaniline		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	2-Nitrophenol		U		Y	0.58	2.2	4
LB-12-COMP 1-0-4	17B0503-17	3- And 4- Methylphenol (Total)		U		Y	0.69	2.2	4
LB-12-COMP 1-0-4	17B0503-17	3,3'-Dichlorobenzidine		U		Y	0.33	1.1	4
LB-12-COMP 1-0-4	17B0503-17	3-Nitroaniline		U		Y	0.32	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4,6-Dinitro-2-Methylphenol		U		Y	2.1	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Bromophenyl Phenyl Ether		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Chloro-3-Methylphenol		U		Y	0.47	4.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Chloroaniline		U	UJ	Y	0.5	4.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Chlorophenyl Phenyl Ether		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Nitroaniline		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	4-Nitrophenol		U		Y	0.48	4.2	4
LB-12-COMP 1-0-4	17B0503-17	Acenaphthene	1.9	D		Y	0.33	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Acenaphthene-D10	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Acenaphthylene		U		Y	0.37	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Acetophenone		U		Y	0.43	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Aniline		U		Y	0.62	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Anthracene	3.1	D		Y	0.32	1.1	4

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LB-12-COMP 1-0-4	17B0503-17	Benzdine		U	UJ	Y	2.7	4.2	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(A)Anthracene	8	D		Y	0.29	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(A)Pyrene	5.8	D		Y	0.34	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(B)Fluoranthene	7.3	D		Y	0.31	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(G,H,I)Perylene	4	D		Y	0.48	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzo(K)Fluoranthene	3	D		Y	0.34	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Benzoic Acid		U	UJ	Y	1.2	6.4	4
LB-12-COMP 1-0-4	17B0503-17	Benzyl Butyl Phthalate		U		Y	0.52	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Bis(2-Chloroethoxy) Methane		U		Y	0.42	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.43	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Bis(2-Chloroisopropyl) Ether		U		Y	0.47	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Bis(2-Ethylhexyl) Phthalate		U		Y	0.85	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Carbazole		U		Y	0.28	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Chrysene	7.8	D		Y	0.34	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Chrysene-D12	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Dibenz(A,H)Anthracene		U		Y	0.67	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Dibenzofuran		U		Y	0.38	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Diethyl Phthalate		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Dimethyl Phthalate		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Di-N-Butyl Phthalate		U		Y	0.48	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Di-N-Octylphthalate		U		Y	1.1	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Fluoranthene	19	D		Y	0.36	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Fluorene	2.6	D		Y	0.35	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Hexachlorobenzene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Hexachlorobutadiene		U		Y	0.39	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Hexachlorocyclopentadiene		U		Y	0.46	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Hexachloroethane		U		Y	0.44	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Indeno(1,2,3-C,D)Pyrene	4.6	D		Y	0.79	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Isophorone		U		Y	0.42	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Naphthalene		U		Y	0.56	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Naphthalene-D8	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Nitrobenzene		U		Y	0.41	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Nitrobenzene-D5	54.8			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	N-Nitrosodimethylamine		U		Y	1.4	2.2	4
LB-12-COMP 1-0-4	17B0503-17	N-Nitrosodi-N-Propylamine		U		Y	0.45	2.2	4
LB-12-COMP 1-0-4	17B0503-17	N-Nitrosodiphenylamine		U		Y	0.45	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Pentachloronitrobenzene		U		Y	0.52	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Pentachlorophenol		U		Y	0.53	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Perylene-D12	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Phenanthrene	16	D		Y	0.57	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Phenanthrene-D10	8.6			Y			4
LB-12-COMP 1-0-4	17B0503-17	Phenol		U		Y	0.37	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Phenol-D6	72.4			Y		2.2	4
LB-12-COMP 1-0-4	17B0503-17	Pyrene	20	D		Y	0.36	1.1	4
LB-12-COMP 1-0-4	17B0503-17	Pyridine		U		Y	0.35	2.2	4
LB-12-COMP 1-0-4	17B0503-17	Terphenyl-D14	90.9			Y		2.2	4
LB-12-COMP 2-4-9	17B0503-18	1,2,4,5-Tetrachlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,2,4-Trichlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,2-Dichlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,2-Diphenylhydrazine		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,3-Dichlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,4-Dichlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-12-COMP 2-4-9	17B0503-18	1-Methylnaphthalene		U		Y	0.16	0.43	4
LB-12-COMP 2-4-9	17B0503-18	2,4,5-Trichlorophenol		U	UJ	Y	0.19	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4,6-Tribromophenol	13.2			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4,6-Trichlorophenol		U	UJ	Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4-Dichlorophenol		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4-Dimethylphenol		U		Y	0.16	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,4-Dinitrophenol		U	UJ	Y	0.49	1.7	4
LB-12-COMP 2-4-9	17B0503-18	2,4-Dinitrotoluene		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2,6-Dinitrotoluene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Chloronaphthalene		U		Y	0.16	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Chlorophenol		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Fluorobiphenyl	83.8			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Fluorophenol	51.9			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Methylnaphthalene	0.46	D		Y	0.15	0.43	4
LB-12-COMP 2-4-9	17B0503-18	2-Methylphenol (O-Cresol)		U		Y	0.21	0.85	4

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LB-12-COMP 2-4-9	17B0503-18	2-Nitroaniline		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	2-Nitrophenol		U	UJ	Y	0.23	0.85	4
LB-12-COMP 2-4-9	17B0503-18	3- And 4- Methylphenol (Total)		U		Y	0.27	0.85	4
LB-12-COMP 2-4-9	17B0503-18	3,3'-Dichlorobenzidine		U		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	3-Nitroaniline		U		Y	0.12	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4,6-Dinitro-2-Methylphenol		U	UJ	Y	0.81	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4-Bromophenyl Phenyl Ether		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4-Chloro-3-Methylphenol		U		Y	0.18	1.7	4
LB-12-COMP 2-4-9	17B0503-18	4-Chloroaniline		U	UJ	Y	0.2	1.7	4
LB-12-COMP 2-4-9	17B0503-18	4-Chlorophenyl Phenyl Ether		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4-Nitroaniline		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	4-Nitrophenol		U	UJ	Y	0.19	1.7	4
LB-12-COMP 2-4-9	17B0503-18	Acenaphthene		U		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Acenaphthene-D10	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Acenaphthylene		U		Y	0.14	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Acetophenone		U		Y	0.17	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Aniline		U		Y	0.24	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Anthracene		U		Y	0.12	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzdine		U	UJ	Y	1.1	1.7	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(A)Anthracene	0.83	D		Y	0.11	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(A)Pyrene	0.71	D		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(B)Fluoranthene	1	D		Y	0.12	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(G,H,I)Perylene		U		Y	0.19	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzo(K)Fluoranthene		U		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Benzoic Acid		U	UJ	Y	0.45	2.5	4
LB-12-COMP 2-4-9	17B0503-18	Benzyl Butyl Phthalate		U		Y	0.2	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Bis(2-Chloroethoxy) Methane		U		Y	0.16	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.17	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Bis(2-Chloroisopropyl) Ether		U		Y	0.18	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Bis(2-Ethylhexyl) Phthalate		U		Y	0.33	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Carbazole		U		Y	0.11	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Chrysene	0.94	D		Y	0.13	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Chrysene-D12	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Dibenz(A,H)Anthracene		U		Y	0.26	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Dibenzofuran		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Diethyl Phthalate		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Dimethyl Phthalate		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Di-N-Butyl Phthalate		U		Y	0.19	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Di-N-Octylphthalate		U		Y	0.45	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Fluoranthene	2.1	D		Y	0.14	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Fluorene		U		Y	0.14	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Hexachlorobenzene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Hexachlorobutadiene		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Hexachlorocyclopentadiene		U	UJ	Y	0.18	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Hexachloroethane		U		Y	0.17	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Indeno(1,2,3-C,D)Pyrene		U		Y	0.31	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Isophorone		U		Y	0.17	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Naphthalene		U		Y	0.22	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Naphthalene-D8	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Nitrobenzene		U		Y	0.16	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Nitrobenzene-D5	34.8			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	N-Nitrosodimethylamine		U		Y	0.54	0.85	4
LB-12-COMP 2-4-9	17B0503-18	N-Nitrosodi-N-Propylamine		U		Y	0.18	0.85	4
LB-12-COMP 2-4-9	17B0503-18	N-Nitrosodiphenylamine		U		Y	0.18	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Pentachloronitrobenzene		U		Y	0.2	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Pentachlorophenol		U	UJ	Y	0.21	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Perylene-D12	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Phenanthrene	2	D	J	Y	0.22	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Phenanthrene-D10	3.4			Y			4
LB-12-COMP 2-4-9	17B0503-18	Phenol		U		Y	0.15	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Phenol-D6	73.4			Y		0.85	4
LB-12-COMP 2-4-9	17B0503-18	Pyrene	1.6	D		Y	0.14	0.43	4
LB-12-COMP 2-4-9	17B0503-18	Pyridine		U		Y	0.14	0.85	4
LB-12-COMP 2-4-9	17B0503-18	Terphenyl-D14	76.7			Y		0.85	4
LB-13-COMP 1-0-4	17B0503-19	1,2,4,5-Tetrachlorobenzene		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,2,4-Trichlorobenzene		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,2-Dichlorobenzene		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,2-Diphenylhydrazine		U		Y	0.66	4.1	4

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LB-13-COMP 1-0-4	17B0503-19	1,3-Dichlorobenzene		U		Y	0.7	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,4-Dichlorobenzene		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-13-COMP 1-0-4	17B0503-19	1-Methylnaphthalene	14	D		Y	0.78	2	4
LB-13-COMP 1-0-4	17B0503-19	2,4,5-Trichlorophenol		U		Y	0.93	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4,6-Tribromophenol	72.3			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4,6-Trichlorophenol		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4-Dichlorophenol		U		Y	0.7	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4-Dimethylphenol		U		Y	0.76	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,4-Dinitrophenol		U		Y	2.3	7.9	4
LB-13-COMP 1-0-4	17B0503-19	2,4-Dinitrotoluene		U		Y	0.66	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2,6-Dinitrotoluene		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Chloronaphthalene		U		Y	0.77	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Chlorophenol		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Fluorobiphenyl	73.4			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Fluorophenol	58.7			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Methylnaphthalene	21	D		Y	0.71	2	4
LB-13-COMP 1-0-4	17B0503-19	2-Methylphenol (O-Cresol)		U		Y	1	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Nitroaniline		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	2-Nitrophenol		U		Y	1.1	4.1	4
LB-13-COMP 1-0-4	17B0503-19	3- And 4- Methylphenol (Total)		U		Y	1.3	4.1	4
LB-13-COMP 1-0-4	17B0503-19	3,3'-Dichlorobenzidine		U		Y	0.62	2	4
LB-13-COMP 1-0-4	17B0503-19	3-Nitroaniline		U		Y	0.59	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4,6-Dinitro-2-Methylphenol		U		Y	3.9	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4-Bromophenyl Phenyl Ether		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4-Chloro-3-Methylphenol		U		Y	0.88	7.9	4
LB-13-COMP 1-0-4	17B0503-19	4-Chloroaniline		U	UJ	Y	0.94	7.9	4
LB-13-COMP 1-0-4	17B0503-19	4-Chlorophenyl Phenyl Ether		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4-Nitroaniline		U		Y	0.69	4.1	4
LB-13-COMP 1-0-4	17B0503-19	4-Nitrophenol		U		Y	0.89	7.9	4
LB-13-COMP 1-0-4	17B0503-19	Acenaphthene	33	D		Y	0.61	2	4
LB-13-COMP 1-0-4	17B0503-19	Acenaphthene-D10	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Acenaphthylene	33	D		Y	0.69	2	4
LB-13-COMP 1-0-4	17B0503-19	Acetophenone		U		Y	0.81	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Aniline		U		Y	1.2	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Benzidine		U	UJ	Y	5.1	7.9	4
LB-13-COMP 1-0-4	17B0503-19	Benzoic Acid		U	UJ	Y	2.2	12	4
LB-13-COMP 1-0-4	17B0503-19	Benzyl Butyl Phthalate		U		Y	0.97	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Bis(2-Chloroethoxy) Methane		U		Y	0.78	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.81	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Bis(2-Chloroisopropyl) Ether		U		Y	0.88	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Bis(2-Ethylhexyl) Phthalate		U		Y	1.6	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Carbazole	33	D		Y	0.53	2	4
LB-13-COMP 1-0-4	17B0503-19	Chrysene-D12	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Dibenz(A,H)Anthracene	21	D		Y	1.2	2	4
LB-13-COMP 1-0-4	17B0503-19	Diethyl Phthalate		U		Y	0.73	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Dimethyl Phthalate		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Di-N-Butyl Phthalate		U		Y	0.89	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Di-N-Octylphthalate		U		Y	2.1	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Hexachlorobenzene		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Hexachlorobutadiene		U		Y	0.72	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Hexachlorocyclopentadiene		U		Y	0.87	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Hexachloroethane		U		Y	0.82	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Isophorone		U		Y	0.79	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Naphthalene	27	D		Y	1	2	4
LB-13-COMP 1-0-4	17B0503-19	Naphthalene-D8	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Nitrobenzene		U		Y	0.77	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Nitrobenzene-D5	60.2			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	N-Nitrosodimethylamine		U		Y	2.6	4.1	4
LB-13-COMP 1-0-4	17B0503-19	N-Nitrosodi-N-Propylamine		U		Y	0.84	4.1	4
LB-13-COMP 1-0-4	17B0503-19	N-Nitrosodiphenylamine		U		Y	0.84	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Pentachloronitrobenzene		U		Y	0.97	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Pentachlorophenol		U		Y	0.99	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Perylene-D12	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Phenanthrene-D10	16			Y			4
LB-13-COMP 1-0-4	17B0503-19	Phenol		U		Y	0.7	4.1	4
LB-13-COMP 1-0-4	17B0503-19	Phenol-D6	64.3			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19	Pyridine		U		Y	0.66	4.1	4

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LB-13-COMP 1-0-4	17B0503-19	Terphenyl-D14	87.5			Y		4.1	4
LB-13-COMP 1-0-4	17B0503-19RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	2,4,6-Tribromophenol		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	2-Fluorobiphenyl		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	2-Fluorophenol		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	Acenaphthene-D10	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Anthracene	100	D		Y	5.9	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(A)Anthracene	130	D		Y	5.4	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(A)Pyrene	110	D		Y	6.4	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(B)Fluoranthene	120	D		Y	5.8	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(G,H,I)Perylene	44	D		Y	9	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Benzo(K)Fluoranthene	45	D		Y	6.4	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Chrysene	120	D		Y	6.4	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Chrysene-D12	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Dibenzofuran	44	D		Y	7.1	41	4
LB-13-COMP 1-0-4	17B0503-19RE1	Fluoranthene	320	D		Y	6.7	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Fluorene	65	D		Y	6.6	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Indeno(1,2,3-C,D)Pyrene	51	D		Y	15	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Naphthalene-D8	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Nitrobenzene-D5		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	Perylene-D12	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Phenanthrene	370	D		Y	11	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Phenanthrene-D10	160			Y			4
LB-13-COMP 1-0-4	17B0503-19RE1	Phenol-D6		U		Y		41	4
LB-13-COMP 1-0-4	17B0503-19RE1	Pyrene	290	D		Y	6.7	20	4
LB-13-COMP 1-0-4	17B0503-19RE1	Terphenyl-D14		U		Y		41	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,2,4-Trichlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,2-Dichlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,2-Diphenylhydrazine		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,3-Dichlorobenzene		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,4-Dichlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	1-Methylnaphthalene		U		Y	0.16	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4,5-Trichlorophenol		U		Y	0.19	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4,6-Tribromophenol	24.3			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4,6-Trichlorophenol		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4-Dichlorophenol		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4-Dimethylphenol		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4-Dinitrophenol		U		Y	0.48	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,4-Dinitrotoluene		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2,6-Dinitrotoluene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Chloronaphthalene		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Chlorophenol		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Fluorobiphenyl	59			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Fluorophenol	43.3			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Methylnaphthalene		U		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Methylphenol (O-Cresol)		U		Y	0.21	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Nitroaniline		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	2-Nitrophenol		U		Y	0.22	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	3- And 4- Methylphenol (Total)		U		Y	0.27	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	3,3'-Dichlorobenzidine		U		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	3-Nitroaniline		U		Y	0.12	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.79	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Bromophenyl Phenyl Ether		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Chloro-3-Methylphenol		U		Y	0.18	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Chloroaniline		U		Y	0.19	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Nitroaniline		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	4-Nitrophenol		U		Y	0.18	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Acenaphthene		U		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Acenaphthene-D10	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Acenaphthylene		U		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Acetophenone		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Aniline		U		Y	0.24	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Anthracene		U		Y	0.12	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzidine		U	UJ	Y	1	1.6	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(A)Anthracene	0.77	D		Y	0.11	0.42	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(A)Pyrene	0.67	D		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(B)Fluoranthene	1.3	D		Y	0.12	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(G,H,I)Perylene		U		Y	0.18	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzo(K)Fluoranthene		U		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzoic Acid		U		Y	0.44	2.5	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Benzyl Butyl Phthalate		U		Y	0.2	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.18	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.32	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Carbazole		U		Y	0.11	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Chrysene	0.83	D		Y	0.13	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Chrysene-D12	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Dibenz(A,H)Anthracene		U		Y	0.26	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Dibenzofuran		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Diethyl Phthalate		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Dimethyl Phthalate		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Di-N-Butyl Phthalate		U		Y	0.18	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Di-N-Octylphthalate		U		Y	0.44	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Fluoranthene	2.1	D		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Fluorene		U		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Hexachlorobenzene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Hexachlorobutadiene		U		Y	0.15	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Hexachlorocyclopentadiene		U		Y	0.18	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Hexachloroethane		U		Y	0.17	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.3	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Isophorone		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Naphthalene	0.43	D		Y	0.21	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Naphthalene-D8	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Nitrobenzene		U		Y	0.16	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Nitrobenzene-D5	42.4			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	N-Nitrosodimethylamine		U		Y	0.53	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	N-Nitrosodi-N-Propylamine		U		Y	0.17	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	N-Nitrosodiphenylamine		U		Y	0.17	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Pentachloronitrobenzene		U		Y	0.2	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Pentachlorophenol		U		Y	0.2	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Perylene-D12	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Phenanthrene	1.4	D		Y	0.22	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Phenanthrene-D10	3.3			Y			4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Phenol		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Phenol-D6	51.5			Y		0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Pyrene	1.7	D		Y	0.14	0.42	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Pyridine		U		Y	0.14	0.84	4
LB-13-COMP 2-4-9.8	17B0503-20RE1	Terphenyl-D14	60			Y		0.84	4
LB-01-COMP 1-0-4	17B0503-23	1,2,4,5-Tetrachlorobenzene		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,2,4-Trichlorobenzene		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,2-Dichlorobenzene		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,2-Diphenylhydrazine		U		Y	0.063	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,3-Dichlorobenzene		U		Y	0.067	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,4-Dichlorobenzene		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	1,4-Dichlorobenzene-D4	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	1-Methylnaphthalene	0.84			Y	0.075	0.2	4
LB-01-COMP 1-0-4	17B0503-23	2,4,5-Trichlorophenol		U		Y	0.089	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4,6-Tribromophenol	61.7			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4,6-Trichlorophenol		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4-Dichlorophenol		U		Y	0.067	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4-Dimethylphenol		U		Y	0.072	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,4-Dinitrophenol		U		Y	0.22	0.76	4
LB-01-COMP 1-0-4	17B0503-23	2,4-Dinitrotoluene		U		Y	0.063	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2,6-Dinitrotoluene		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Chloronaphthalene		U		Y	0.074	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Chlorophenol		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Fluorobiphenyl	68.4			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Fluorophenol	57.7			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Methylnaphthalene	1.4			Y	0.068	0.2	4
LB-01-COMP 1-0-4	17B0503-23	2-Methylphenol (O-Cresol)		U		Y	0.098	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Nitroaniline		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	2-Nitrophenol		U		Y	0.1	0.39	4

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LB-01-COMP 1-0-4	17B0503-23	3- And 4- Methylphenol (Total)		U		Y	0.12	0.39	4
LB-01-COMP 1-0-4	17B0503-23	3,3'-Dichlorobenzidine		U		Y	0.06	0.2	4
LB-01-COMP 1-0-4	17B0503-23	3-Nitroaniline		U		Y	0.056	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4,6-Dinitro-2-Methylphenol		U		Y	0.37	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4-Bromophenyl Phenyl Ether		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4-Chloro-3-Methylphenol		U		Y	0.084	0.76	4
LB-01-COMP 1-0-4	17B0503-23	4-Chloroaniline		U		Y	0.09	0.76	4
LB-01-COMP 1-0-4	17B0503-23	4-Chlorophenyl Phenyl Ether		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4-Nitroaniline		U		Y	0.066	0.39	4
LB-01-COMP 1-0-4	17B0503-23	4-Nitrophenol		U		Y	0.085	0.76	4
LB-01-COMP 1-0-4	17B0503-23	Acenaphthene	0.2			Y	0.059	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Acenaphthene-D10	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Acenaphthylene		U		Y	0.066	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Acetophenone		U		Y	0.077	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Aniline		U		Y	0.11	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Anthracene		U		Y	0.056	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzidine		U	UJ	Y	0.49	0.76	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(A)Anthracene	0.63			Y	0.052	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(A)Pyrene	0.54			Y	0.061	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(B)Fluoranthene	0.79			Y	0.055	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(G,H,I)Perylene	0.49			Y	0.086	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzo(K)Fluoranthene	0.29			Y	0.061	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Benzoic Acid		U		Y	0.21	1.1	4
LB-01-COMP 1-0-4	17B0503-23	Benzyl Butyl Phthalate		U		Y	0.093	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Bis(2-Chloroethoxy) Methane		U		Y	0.075	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.077	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Bis(2-Chloroisopropyl) Ether		U		Y	0.084	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Bis(2-Ethylhexyl) Phthalate		U		Y	0.15	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Carbazole		U		Y	0.051	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Chrysene	0.98			Y	0.061	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Chrysene-D12	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Dibenz(A,H)Anthracene		U		Y	0.12	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Dibenzofuran	0.41			Y	0.068	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Diethyl Phthalate		U		Y	0.07	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Dimethyl Phthalate		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Di-N-Butyl Phthalate		U		Y	0.085	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Di-N-Octylphthalate		U		Y	0.2	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Fluoranthene	1.5			Y	0.064	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Fluorene	0.3			Y	0.063	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Hexachlorobenzene		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Hexachlorobutadiene		U		Y	0.069	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Hexachlorocyclopentadiene		U		Y	0.083	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Hexachloroethane		U		Y	0.078	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Indeno(1,2,3-C,D)Pyrene	0.45			Y	0.14	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Isophorone		U		Y	0.076	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Naphthalene	0.52			Y	0.1	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Naphthalene-D8	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Nitrobenzene		U		Y	0.074	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Nitrobenzene-D5	38.2			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	N-Nitrosodimethylamine		U		Y	0.25	0.39	4
LB-01-COMP 1-0-4	17B0503-23	N-Nitrosodi-N-Propylamine		U		Y	0.08	0.39	4
LB-01-COMP 1-0-4	17B0503-23	N-Nitrosodiphenylamine		U		Y	0.08	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Pentachloronitrobenzene		U		Y	0.093	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Pentachlorophenol		U		Y	0.094	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Perylene-D12	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Phenanthrene	1.7			Y	0.1	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Phenanthrene-D10	1.5			Y			4
LB-01-COMP 1-0-4	17B0503-23	Phenol		U		Y	0.067	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Phenol-D6	59.2			Y		0.39	4
LB-01-COMP 1-0-4	17B0503-23	Pyrene	2			Y	0.064	0.2	4
LB-01-COMP 1-0-4	17B0503-23	Pyridine		U		Y	0.063	0.39	4
LB-01-COMP 1-0-4	17B0503-23	Terphenyl-D14	76.8			Y		0.39	4
LB-01-COMP 2-4-9.8	17B0503-24	1,2,4,5-Tetrachlorobenzene		U		Y	0.074	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,2,4-Trichlorobenzene		U		Y	0.074	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,2-Dichlorobenzene		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,2-Diphenylhydrazine		U		Y	0.067	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,3-Dichlorobenzene		U		Y	0.07	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	1,4-Dichlorobenzene		U		Y	0.074	0.41	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-01-COMP 2-4-9.8	17B0503-24	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	1-Methylnaphthalene		U		Y	0.079	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4,5-Trichlorophenol		U		Y	0.093	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4,6-Tribromophenol	43.8			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4,6-Trichlorophenol		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4-Dichlorophenol		U		Y	0.07	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4-Dimethylphenol		U		Y	0.076	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4-Dinitrophenol		U		Y	0.23	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	2,4-Dinitrotoluene		U		Y	0.067	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2,6-Dinitrotoluene		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Chloronaphthalene		U		Y	0.077	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Chlorophenol		U		Y	0.074	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Fluorobiphenyl	76.1			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Fluorophenol	57			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Methylnaphthalene		U		Y	0.071	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Methylphenol (O-Cresol)		U		Y	0.1	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Nitroaniline		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	2-Nitrophenol		U		Y	0.11	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	3- And 4- Methylphenol (Total)		U		Y	0.13	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	3,3'-Dichlorobenzidine		U		Y	0.063	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	3-Nitroaniline		U		Y	0.059	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4,6-Dinitro-2-Methylphenol		U		Y	0.39	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Bromophenyl Phenyl Ether		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Chloro-3-Methylphenol		U		Y	0.088	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Chloroaniline		U		Y	0.094	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Chlorophenyl Phenyl Ether		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Nitroaniline		U		Y	0.069	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	4-Nitrophenol		U		Y	0.089	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	Acenaphthene		U		Y	0.062	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Acenaphthene-D10	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Acenaphthylene		U		Y	0.069	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Acetophenone		U		Y	0.081	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Aniline		U		Y	0.12	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Anthracene		U		Y	0.059	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzidine		U	UJ	Y	0.51	0.8	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(A)Anthracene		U		Y	0.054	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(A)Pyrene		U		Y	0.064	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(B)Fluoranthene		U		Y	0.058	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(G,H,I)Perylene		U		Y	0.091	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzo(K)Fluoranthene		U		Y	0.064	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzoic Acid		U		Y	0.22	1.2	4
LB-01-COMP 2-4-9.8	17B0503-24	Benzyl Butyl Phthalate		U		Y	0.098	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Bis(2-Chloroethoxy) Methane		U		Y	0.079	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.081	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Bis(2-Chloroisopropyl) Ether		U		Y	0.088	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Carbazole		U		Y	0.053	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Chrysene		U		Y	0.064	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Chrysene-D12	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Dibenzofuran		U		Y	0.071	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Diethyl Phthalate		U		Y	0.074	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Dimethyl Phthalate		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Di-N-Butyl Phthalate		U		Y	0.089	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Di-N-Octylphthalate		U		Y	0.22	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Fluoranthene	0.31			Y	0.068	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Fluorene		U		Y	0.067	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Hexachlorobenzene		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Hexachlorobutadiene		U		Y	0.073	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Hexachlorocyclopentadiene		U		Y	0.087	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Hexachloroethane		U		Y	0.082	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Isophorone		U		Y	0.08	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Naphthalene		U		Y	0.11	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Naphthalene-D8	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Nitrobenzene		U		Y	0.077	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Nitrobenzene-D5	58.4			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	N-Nitrosodimethylamine		U		Y	0.26	0.41	4

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LB-01-COMP 2-4-9.8	17B0503-24	N-Nitrosodi-N-Propylamine		U		Y	0.085	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	N-Nitrosodiphenylamine		U		Y	0.085	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Pentachloronitrobenzene		U		Y	0.098	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Pentachlorophenol		U		Y	0.099	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Perylene-D12	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Phenanthrene	0.29			Y	0.11	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Phenanthrene-D10	1.6			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Phenol		U		Y	0.07	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Phenol-D6	59.4			Y		0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Pyrene	0.42			Y	0.068	0.21	4
LB-01-COMP 2-4-9.8	17B0503-24	Pyridine		U		Y	0.067	0.41	4
LB-01-COMP 2-4-9.8	17B0503-24	Terphenyl-D14	71			Y		0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,2,4-Trichlorobenzene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,2-Dichlorobenzene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,2-Diphenylhydrazine		U		Y	0.13	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,3-Dichlorobenzene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,4-Dichlorobenzene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	1-Methylnaphthalene		U		Y	0.16	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4,5-Trichlorophenol		U		Y	0.18	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4,6-Tribromophenol	26.3			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4,6-Trichlorophenol		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4-Dichlorophenol		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4-Dimethylphenol		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4-Dinitrophenol		U		Y	0.46	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,4-Dinitrotoluene		U		Y	0.13	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2,6-Dinitrotoluene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Chloronaphthalene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Chlorophenol		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Fluorobiphenyl	63.2			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Fluorophenol	43			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Methylnaphthalene		U		Y	0.14	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Methylphenol (O-Cresol)		U		Y	0.2	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Nitroaniline		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	2-Nitrophenol		U		Y	0.22	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	3- And 4- Methylphenol (Total)		U		Y	0.26	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	3,3'-Dichlorobenzidine		U		Y	0.12	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	3-Nitroaniline		U		Y	0.12	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.77	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Bromophenyl Phenyl Ether		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Chloro-3-Methylphenol		U		Y	0.17	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Chloroaniline		U		Y	0.19	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Nitroaniline		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	4-Nitrophenol		U		Y	0.18	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	Acenaphthene		U		Y	0.12	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Acenaphthene-D10	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Acenaphthylene		U		Y	0.14	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Acetophenone		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Aniline		U		Y	0.23	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Anthracene		U		Y	0.12	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzidine		U	UJ	Y	1	1.6	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(A)Anthracene	0.51	D		Y	0.11	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(A)Pyrene	0.46	D		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(B)Fluoranthene	0.67	D		Y	0.11	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(G,H,I)Perylene		U		Y	0.18	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzo(K)Fluoranthene		U		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzoic Acid		U		Y	0.43	2.4	4
LB-02-COMP 1-0-4	17B0503-25RE1	Benzyl Butyl Phthalate		U		Y	0.19	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.17	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.32	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Carbazole		U		Y	0.11	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Chrysene	0.54	D		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Chrysene-D12	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Dibenz(A,H)Anthracene		U		Y	0.25	0.41	4

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LB-02-COMP 1-0-4	17B0503-25RE1	Dibenzofuran		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Diethyl Phthalate		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Dimethyl Phthalate		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Di-N-Butyl Phthalate		U		Y	0.18	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Di-N-Octylphthalate		U		Y	0.43	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Fluoranthene	1.3	D		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Fluorene		U		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Hexachlorobenzene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Hexachlorobutadiene		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Hexachlorocyclopentadiene		U		Y	0.17	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Hexachloroethane		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.29	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Isophorone		U		Y	0.16	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Naphthalene		U		Y	0.21	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Naphthalene-D8	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Nitrobenzene		U		Y	0.15	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Nitrobenzene-D5	45.7			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	N-Nitrosodimethylamine		U		Y	0.51	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	N-Nitrosodi-N-Propylamine		U		Y	0.17	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	N-Nitrosodiphenylamine		U		Y	0.17	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Pentachloronitrobenzene		U		Y	0.19	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Pentachlorophenol		U		Y	0.2	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Perylene-D12	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Phenanthrene	1.1	D		Y	0.21	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Phenanthrene-D10	3.2			Y			4
LB-02-COMP 1-0-4	17B0503-25RE1	Phenol		U		Y	0.14	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Phenol-D6	50			Y		0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Pyrene	1.1	D		Y	0.13	0.41	4
LB-02-COMP 1-0-4	17B0503-25RE1	Pyridine		U		Y	0.13	0.81	4
LB-02-COMP 1-0-4	17B0503-25RE1	Terphenyl-D14	57.7			Y		0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	1,2,4,5-Tetrachlorobenzene		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,2,4-Trichlorobenzene		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,4-Dichlorobenzene		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	1-Methylnaphthalene	0.82			Y	0.08	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,6-Tribromophenol	41.1			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4,6-Trichlorophenol		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4-Dinitrophenol		U		Y	0.24	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Chlorophenol		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Fluorobiphenyl	55			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Fluorophenol	43.7			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Methylnaphthalene	1.2			Y	0.073	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Methylphenol (O-Cresol)		U		Y	0.1	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Nitroaniline		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	2-Nitrophenol		U		Y	0.11	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	3-Nitroaniline		U		Y	0.06	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Bromophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Chloro-3-Methylphenol		U		Y	0.09	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Chloroaniline		U		Y	0.096	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Chlorophenyl Phenyl Ether		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Nitroaniline		U		Y	0.07	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	4-Nitrophenol		U		Y	0.091	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	Acenaphthene	2.4			Y	0.063	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Acenaphthene-D10	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Acenaphthylene		U		Y	0.07	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Acetophenone		U		Y	0.083	0.42	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-02-COMP 2-4-9.2	17B0503-26	Aniline		U		Y	0.12	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Anthracene	3.7			Y	0.06	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzenidine		U	UJ	Y	0.52	0.81	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzo(A)Pyrene	4.7			Y	0.065	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzo(G,H,I)Perylene	2.9			Y	0.093	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzo(K)Fluoranthene	2.1			Y	0.065	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzoic Acid		U		Y	0.22	1.2	4
LB-02-COMP 2-4-9.2	17B0503-26	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Bis(2-Chloroethoxy) Methane		U		Y	0.08	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Carbazole	1.8			Y	0.054	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Chrysene-D12	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Dibenz(A,H)Anthracene	0.89			Y	0.13	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Dibenzofuran	1.7			Y	0.073	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Diethyl Phthalate		U		Y	0.075	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Di-N-Butyl Phthalate		U		Y	0.091	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Fluorene	2.9			Y	0.068	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachlorobutadiene		U		Y	0.074	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Hexachloroethane		U		Y	0.084	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Indeno(1,2,3-C,D)Pyrene	3.2			Y	0.15	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Isophorone		U		Y	0.081	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Naphthalene	1.8			Y	0.11	0.21	4
LB-02-COMP 2-4-9.2	17B0503-26	Naphthalene-D8	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Nitrobenzene		U		Y	0.079	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Nitrobenzene-D5	26.2			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	N-Nitrosodi-N-Propylamine		U		Y	0.086	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	N-Nitrosodiphenylamine		U		Y	0.086	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Pentachlorophenol		U		Y	0.1	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Perylene-D12	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Phenanthrene-D10	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Phenol		U		Y	0.072	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Phenol-D6	47.9			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Pyridine		U		Y	0.068	0.42	4
LB-02-COMP 2-4-9.2	17B0503-26	Terphenyl-D14	53.4			Y		0.42	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	2,4,6-Tribromophenol	40.5			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	2-Fluorobiphenyl	57.7			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	2-Fluorophenol	47.6			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Acenaphthene-D10	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Benzo(A)Anthracene	6.8	D		Y	0.28	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Benzo(B)Fluoranthene	6.1	D		Y	0.3	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Chrysene	5.9	D		Y	0.33	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Chrysene-D12	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Fluoranthene	16	D		Y	0.35	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Naphthalene-D8	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Nitrobenzene-D5	26.4			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Perylene-D12	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Phenanthrene	16	D		Y	0.54	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Phenanthrene-D10	8.2			Y			4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Phenol-D6	53.2			Y		2.1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Pyrene	12	D		Y	0.35	1	4
LB-02-COMP 2-4-9.2	17B0503-26RE1	Terphenyl-D14	53.9			Y		2.1	4
LB-03-COMP 1-0-4	17B0503-27	1,2,4,5-Tetrachlorobenzene		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,2,4-Trichlorobenzene		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,2-Dichlorobenzene		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,2-Diphenylhydrazine		U		Y	0.062	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,3-Dichlorobenzene		U		Y	0.065	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,4-Dichlorobenzene		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	1,4-Dichlorobenzene-D4	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	1-Methylnaphthalene	0.23			Y	0.073	0.19	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-03-COMP 1-0-4	17B0503-27	2,4,5-Trichlorophenol		U		Y	0.087	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4,6-Tribromophenol	50.5			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4,6-Trichlorophenol		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4-Dichlorophenol		U		Y	0.065	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4-Dimethylphenol		U		Y	0.071	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,4-Dinitrophenol		U		Y	0.22	0.74	4
LB-03-COMP 1-0-4	17B0503-27	2,4-Dinitrotoluene		U		Y	0.062	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2,6-Dinitrotoluene		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Chloronaphthalene		U		Y	0.072	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Chlorophenol		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Fluorobiphenyl	74.5			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Fluorophenol	52.7			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Methylnaphthalene	0.37			Y	0.067	0.19	4
LB-03-COMP 1-0-4	17B0503-27	2-Methylphenol (O-Cresol)		U		Y	0.096	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Nitroaniline		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	2-Nitrophenol		U		Y	0.1	0.38	4
LB-03-COMP 1-0-4	17B0503-27	3- And 4- Methylphenol (Total)		U		Y	0.12	0.38	4
LB-03-COMP 1-0-4	17B0503-27	3,3'-Dichlorobenzidine		U		Y	0.059	0.19	4
LB-03-COMP 1-0-4	17B0503-27	3-Nitroaniline		U		Y	0.055	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4,6-Dinitro-2-Methylphenol		U		Y	0.36	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4-Bromophenyl Phenyl Ether		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4-Chloro-3-Methylphenol		U		Y	0.082	0.74	4
LB-03-COMP 1-0-4	17B0503-27	4-Chloroaniline		U		Y	0.088	0.74	4
LB-03-COMP 1-0-4	17B0503-27	4-Chlorophenyl Phenyl Ether		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4-Nitroaniline		U		Y	0.064	0.38	4
LB-03-COMP 1-0-4	17B0503-27	4-Nitrophenol		U		Y	0.084	0.74	4
LB-03-COMP 1-0-4	17B0503-27	Acenaphthene	0.27			Y	0.058	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Acenaphthene-D10	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Acenaphthylene		U		Y	0.064	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Acetophenone		U		Y	0.076	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Aniline		U		Y	0.11	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Anthracene	0.41			Y	0.055	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzidine		U	UJ	Y	0.48	0.74	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(A)Anthracene	0.95			Y	0.051	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(A)Pyrene	0.78			Y	0.06	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(B)Fluoranthene	1			Y	0.054	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(G,H,I)Perylene	0.6			Y	0.085	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzo(K)Fluoranthene	0.38			Y	0.06	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Benzoic Acid		U		Y	0.2	1.1	4
LB-03-COMP 1-0-4	17B0503-27	Benzyl Butyl Phthalate		U		Y	0.091	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Bis(2-Chloroethoxy) Methane		U		Y	0.073	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.076	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Bis(2-Chloroisopropyl) Ether		U		Y	0.082	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Bis(2-Ethylhexyl) Phthalate		U		Y	0.15	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Carbazole	0.27			Y	0.05	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Chrysene	1			Y	0.06	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Chrysene-D12	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Dibenz(A,H)Anthracene		U		Y	0.12	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Dibenzofuran		U		Y	0.067	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Diethyl Phthalate		U		Y	0.069	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Dimethyl Phthalate		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Di-N-Butyl Phthalate		U		Y	0.084	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Di-N-Octylphthalate		U		Y	0.2	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Fluoranthene	2.1			Y	0.063	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Fluorene	0.29			Y	0.062	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Hexachlorobenzene		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Hexachlorobutadiene		U		Y	0.068	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Hexachlorocyclopentadiene		U		Y	0.081	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Hexachloroethane		U		Y	0.077	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Indeno(1,2,3-C,D)Pyrene	0.58			Y	0.14	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Isophorone		U		Y	0.074	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Naphthalene	0.5			Y	0.098	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Naphthalene-D8	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Nitrobenzene		U		Y	0.072	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Nitrobenzene-D5	57.5			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	N-Nitrosodimethylamine		U		Y	0.24	0.38	4
LB-03-COMP 1-0-4	17B0503-27	N-Nitrosodi-N-Propylamine		U		Y	0.079	0.38	4
LB-03-COMP 1-0-4	17B0503-27	N-Nitrosodiphenylamine		U		Y	0.079	0.38	4

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LB-03-COMP 1-0-4	17B0503-27	Pentachloronitrobenzene		U		Y	0.091	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Pentachlorophenol		U		Y	0.093	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Perylene-D12	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Phenanthrene	2.1			Y	0.099	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Phenanthrene-D10	1.5			Y			4
LB-03-COMP 1-0-4	17B0503-27	Phenol		U		Y	0.065	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Phenol-D6	57			Y		0.38	4
LB-03-COMP 1-0-4	17B0503-27	Pyrene	2			Y	0.063	0.19	4
LB-03-COMP 1-0-4	17B0503-27	Pyridine		U		Y	0.062	0.38	4
LB-03-COMP 1-0-4	17B0503-27	Terphenyl-D14	75.4			Y		0.38	4
LB-03-COMP 2-4-9.9	17B0503-28	1,2,4,5-Tetrachlorobenzene		U		Y	0.08	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,2,4-Trichlorobenzene		U		Y	0.08	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,2-Dichlorobenzene		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,2-Diphenylhydrazine		U		Y	0.072	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,3-Dichlorobenzene		U		Y	0.076	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,4-Dichlorobenzene		U		Y	0.08	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	1-Methylnaphthalene		U		Y	0.085	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4,5-Trichlorophenol		U		Y	0.1	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4,6-Tribromophenol	76			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4,6-Trichlorophenol		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4-Dichlorophenol		U		Y	0.076	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4-Dimethylphenol		U		Y	0.082	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4-Dinitrophenol		U		Y	0.25	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	2,4-Dinitrotoluene		U		Y	0.072	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2,6-Dinitrotoluene		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Chloronaphthalene		U		Y	0.083	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Chlorophenol		U		Y	0.08	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Fluorobiphenyl	96.2			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Fluorophenol	69			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Methylnaphthalene		U		Y	0.077	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Methylphenol (O-Cresol)		U		Y	0.11	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Nitroaniline		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	2-Nitrophenol		U		Y	0.12	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	3- And 4- Methylphenol (Total)		U		Y	0.14	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	3,3'-Dichlorobenzidine		U		Y	0.068	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	3-Nitroaniline		U		Y	0.064	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4,6-Dinitro-2-Methylphenol		U		Y	0.42	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Bromophenyl Phenyl Ether		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Chloro-3-Methylphenol		U		Y	0.095	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Chloroaniline		U		Y	0.1	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Chlorophenyl Phenyl Ether		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Nitroaniline		U		Y	0.074	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	4-Nitrophenol		U		Y	0.096	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	Acenaphthene		U		Y	0.066	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Acenaphthene-D10	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Acenaphthylene		U		Y	0.074	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Acetophenone		U		Y	0.087	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Aniline		U		Y	0.13	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Anthracene		U		Y	0.064	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzidine		U	UJ	Y	0.55	0.86	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(A)Anthracene		U		Y	0.059	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(A)Pyrene		U		Y	0.069	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(B)Fluoranthene		U		Y	0.063	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(G,H,I)Perylene		U		Y	0.098	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzo(K)Fluoranthene		U		Y	0.069	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzoic Acid		U		Y	0.24	1.3	4
LB-03-COMP 2-4-9.9	17B0503-28	Benzyl Butyl Phthalate		U		Y	0.11	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Bis(2-Chloroethoxy) Methane		U		Y	0.085	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.087	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Bis(2-Chloroisopropyl) Ether		U		Y	0.095	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Carbazole		U		Y	0.057	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Chrysene		U		Y	0.069	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Chrysene-D12	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Dibenz(A,H)Anthracene		U		Y	0.14	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Dibenzofuran		U		Y	0.077	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Diethyl Phthalate		U		Y	0.08	0.44	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-03-COMP 2-4-9.9	17B0503-28	Dimethyl Phthalate		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Di-N-Butyl Phthalate		U		Y	0.096	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Di-N-Octylphthalate		U		Y	0.23	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Fluoranthene		U		Y	0.073	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Fluorene		U		Y	0.072	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Hexachlorobenzene		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Hexachlorobutadiene		U		Y	0.078	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Hexachlorocyclopentadiene		U		Y	0.094	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Hexachloroethane		U		Y	0.089	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Indeno(1,2,3-C,D)Pyrene		U		Y	0.16	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Isophorone		U		Y	0.086	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Naphthalene		U		Y	0.11	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Naphthalene-D8	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Nitrobenzene		U		Y	0.083	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Nitrobenzene-D5	70.7			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	N-Nitrosodimethylamine		U		Y	0.28	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	N-Nitrosodi-N-Propylamine		U		Y	0.091	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	N-Nitrosodiphenylamine		U		Y	0.091	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Pentachloronitrobenzene		U		Y	0.11	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Pentachlorophenol		U		Y	0.11	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Perylene-D12	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Phenanthrene		U		Y	0.11	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Phenanthrene-D10	1.7			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Phenol		U		Y	0.076	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Phenol-D6	71.6			Y		0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Pyrene		U		Y	0.073	0.22	4
LB-03-COMP 2-4-9.9	17B0503-28	Pyridine		U		Y	0.072	0.44	4
LB-03-COMP 2-4-9.9	17B0503-28	Terphenyl-D14	91.3			Y		0.44	4
LB-07-COMP 1-0-4	17B0503-29	1,2,4,5-Tetrachlorobenzene		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,2,4-Trichlorobenzene		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,2-Dichlorobenzene		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,2-Diphenylhydrazine		U		Y	0.065	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,3-Dichlorobenzene		U		Y	0.069	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,4-Dichlorobenzene		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	1-Methylnaphthalene		U		Y	0.077	0.2	4
LB-07-COMP 1-0-4	17B0503-29	2,4,5-Trichlorophenol		U	UJ	Y	0.091	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4,6-Tribromophenol	12.3			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4,6-Trichlorophenol		U	UJ	Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4-Dichlorophenol		U		Y	0.069	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4-Dimethylphenol		U		Y	0.075	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,4-Dinitrophenol		U	UJ	Y	0.23	0.78	4
LB-07-COMP 1-0-4	17B0503-29	2,4-Dinitrotoluene		U		Y	0.065	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2,6-Dinitrotoluene		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Chloronaphthalene		U		Y	0.076	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Chlorophenol		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Fluorobiphenyl	66.7			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Fluorophenol	38.1			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Methylnaphthalene	0.21			Y	0.07	0.2	4
LB-07-COMP 1-0-4	17B0503-29	2-Methylphenol (O-Cresol)		U		Y	0.1	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Nitroaniline		U		Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	2-Nitrophenol		U		Y	0.11	0.4	4
LB-07-COMP 1-0-4	17B0503-29	3- And 4- Methylphenol (Total)		U		Y	0.13	0.4	4
LB-07-COMP 1-0-4	17B0503-29	3,3'-Dichlorobenzidine		U		Y	0.062	0.2	4
LB-07-COMP 1-0-4	17B0503-29	3-Nitroaniline		U		Y	0.058	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4,6-Dinitro-2-Methylphenol		U		Y	0.38	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4-Bromophenyl Phenyl Ether		U		Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4-Chloro-3-Methylphenol		U		Y	0.087	0.78	4
LB-07-COMP 1-0-4	17B0503-29	4-Chloroaniline		U		Y	0.092	0.78	4
LB-07-COMP 1-0-4	17B0503-29	4-Chlorophenyl Phenyl Ether		U		Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4-Nitroaniline		U		Y	0.068	0.4	4
LB-07-COMP 1-0-4	17B0503-29	4-Nitrophenol		U	UJ	Y	0.088	0.78	4
LB-07-COMP 1-0-4	17B0503-29	Acenaphthene		U		Y	0.06	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Acenaphthene-D10	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Acenaphthylene		U		Y	0.068	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Acetophenone		U		Y	0.079	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Aniline		U		Y	0.11	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Anthracene	0.32			Y	0.058	0.2	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-07-COMP 1-0-4	17B0503-29	Benzidine		U	UJ	Y	0.5	0.78	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(A)Anthracene	1.2			Y	0.053	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(A)Pyrene	1.2			Y	0.063	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(B)Fluoranthene	1.5			Y	0.057	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(G,H,I)Perylene	1.1			Y	0.089	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzo(K)Fluoranthene	0.58			Y	0.063	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzoic Acid		U		Y	0.21	1.2	4
LB-07-COMP 1-0-4	17B0503-29	Benzyl Butyl Phthalate		U		Y	0.096	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Bis(2-Chloroethoxy) Methane		U		Y	0.077	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.079	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Bis(2-Chloroisopropyl) Ether		U		Y	0.087	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Carbazole	0.21			Y	0.052	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Chrysene	1.3			Y	0.063	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Chrysene-D12	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Dibenz(A,H)Anthracene		U		Y	0.12	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Dibenzofuran		U		Y	0.07	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Diethyl Phthalate		U		Y	0.072	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Dimethyl Phthalate		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Di-N-Butyl Phthalate		U		Y	0.088	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Di-N-Octylphthalate		U		Y	0.21	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Fluoranthene	2.7			Y	0.066	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Fluorene		U		Y	0.065	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Hexachlorobenzene		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Hexachlorobutadiene		U		Y	0.071	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Hexachlorocyclopentadiene		U		Y	0.085	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Hexachloroethane		U		Y	0.081	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Indeno(1,2,3-C,D)Pyrene	0.95			Y	0.14	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Isophorone		U		Y	0.078	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Naphthalene	0.25			Y	0.1	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Naphthalene-D8	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Nitrobenzene		U		Y	0.076	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Nitrobenzene-D5	28.9			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	N-Nitrosodimethylamine		U		Y	0.25	0.4	4
LB-07-COMP 1-0-4	17B0503-29	N-Nitrosodi-N-Propylamine		U		Y	0.083	0.4	4
LB-07-COMP 1-0-4	17B0503-29	N-Nitrosodiphenylamine		U		Y	0.083	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Pentachloronitrobenzene		U		Y	0.096	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Pentachlorophenol		U		Y	0.097	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Perylene-D12	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Phenanthrene	2.1			Y	0.1	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Phenanthrene-D10	1.6			Y			4
LB-07-COMP 1-0-4	17B0503-29	Phenol		U		Y	0.069	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Phenol-D6	51.6			Y		0.4	4
LB-07-COMP 1-0-4	17B0503-29	Pyrene	2.9			Y	0.066	0.2	4
LB-07-COMP 1-0-4	17B0503-29	Pyridine		U		Y	0.065	0.4	4
LB-07-COMP 1-0-4	17B0503-29	Terphenyl-D14	70.7			Y		0.4	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,2,4,5-Tetrachlorobenzene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,2,4-Trichlorobenzene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,2-Dichlorobenzene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,2-Diphenylhydrazine		U		Y	0.14	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,3-Dichlorobenzene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,4-Dichlorobenzene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	1-Methylnaphthalene		U		Y	0.17	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4,5-Trichlorophenol		U		Y	0.2	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4,6-Tribromophenol	54.9			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4,6-Trichlorophenol		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4-Dichlorophenol		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4-Dimethylphenol		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4-Dinitrophenol		U		Y	0.49	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,4-Dinitrotoluene		U		Y	0.14	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2,6-Dinitrotoluene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Chloronaphthalene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Chlorophenol		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Fluorobiphenyl	58.7			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Fluorophenol	47.5			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Methylnaphthalene		U		Y	0.15	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Methylphenol (O-Cresol)		U		Y	0.22	0.87	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Nitroaniline		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	2-Nitrophenol		U		Y	0.23	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	3- And 4- Methylphenol (Total)		U		Y	0.28	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	3,3'-Dichlorobenzidine		U		Y	0.13	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	3-Nitroaniline		U		Y	0.12	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4,6-Dinitro-2-Methylphenol		U		Y	0.82	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Bromophenyl Phenyl Ether		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Chloro-3-Methylphenol		U		Y	0.19	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Chloroaniline		U		Y	0.2	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Chlorophenyl Phenyl Ether		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Nitroaniline		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	4-Nitrophenol		U		Y	0.19	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Acenaphthene		U		Y	0.13	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Acenaphthene-D10	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Acenaphthylene		U		Y	0.15	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Acetophenone		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Aniline		U		Y	0.24	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Anthracene		U		Y	0.12	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzidine		U	UJ	Y	1.1	1.7	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(A)Anthracene		U		Y	0.11	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(A)Pyrene		U		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(B)Fluoranthene	0.52	D		Y	0.12	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(G,H,I)Perylene		U		Y	0.19	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzo(K)Fluoranthene		U		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzoic Acid		U		Y	0.46	2.5	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Benzyl Butyl Phthalate		U		Y	0.21	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Bis(2-Chloroethoxy) Methane		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Bis(2-Chloroisopropyl) Ether		U		Y	0.19	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.34	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Carbazole		U		Y	0.11	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Chrysene	0.45	D		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Chrysene-D12	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Dibenz(A,H)Anthracene		U		Y	0.26	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Dibenzofuran		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Diethyl Phthalate		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Dimethyl Phthalate		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Di-N-Butyl Phthalate		U		Y	0.19	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Di-N-Octylphthalate		U		Y	0.45	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Fluoranthene	1.1	D		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Fluorene		U		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Hexachlorobenzene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Hexachlorobutadiene		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Hexachlorocyclopentadiene		U		Y	0.18	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Hexachloroethane		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.31	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Isophorone		U		Y	0.17	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Naphthalene		U		Y	0.22	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Naphthalene-D8	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Nitrobenzene		U		Y	0.16	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Nitrobenzene-D5	14.8			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	N-Nitrosodimethylamine		U		Y	0.55	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	N-Nitrosodi-N-Propylamine		U		Y	0.18	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	N-Nitrosodiphenylamine		U		Y	0.18	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Pentachloronitrobenzene		U		Y	0.21	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Pentachlorophenol		U		Y	0.21	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Perylene-D12	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Phenanthrene	0.87	D		Y	0.22	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Phenanthrene-D10	3.4			Y			4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Phenol		U		Y	0.15	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Phenol-D6	52.6			Y		0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Pyrene	0.86	D		Y	0.14	0.43	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Pyridine		U		Y	0.14	0.87	4
LB-07-COMP 2-4-9.7	17B0503-30RE1	Terphenyl-D14	62			Y		0.87	4
LB-28-COMP 2-4-11	17B0503-51	1,2,4,5-Tetrachlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,2,4-Trichlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,2-Dichlorobenzene		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,2-Diphenylhydrazine		U		Y	0.069	0.43	4

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LB-28-COMP 2-4-11	17B0503-51	1,3-Dichlorobenzene		U		Y	0.073	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,4-Dichlorobenzene		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	1-Methylnaphthalene		U		Y	0.082	0.21	4
LB-28-COMP 2-4-11	17B0503-51	2,4,5-Trichlorophenol		U		Y	0.097	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4,6-Tribromophenol	68.9			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4,6-Trichlorophenol		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4-Dichlorophenol		U		Y	0.073	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4-Dimethylphenol		U		Y	0.079	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,4-Dinitrophenol		U		Y	0.24	0.83	4
LB-28-COMP 2-4-11	17B0503-51	2,4-Dinitrotoluene		U		Y	0.069	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2,6-Dinitrotoluene		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Chloronaphthalene		U		Y	0.081	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Chlorophenol		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Fluorobiphenyl	72.9			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Fluorophenol	53.5			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Methylnaphthalene		U		Y	0.074	0.21	4
LB-28-COMP 2-4-11	17B0503-51	2-Methylphenol (O-Cresol)		U		Y	0.11	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Nitroaniline		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	2-Nitrophenol		U		Y	0.11	0.43	4
LB-28-COMP 2-4-11	17B0503-51	3- And 4- Methylphenol (Total)		U		Y	0.14	0.43	4
LB-28-COMP 2-4-11	17B0503-51	3,3'-Dichlorobenzidine		U		Y	0.065	0.21	4
LB-28-COMP 2-4-11	17B0503-51	3-Nitroaniline		U		Y	0.062	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4,6-Dinitro-2-Methylphenol		U		Y	0.41	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4-Bromophenyl Phenyl Ether		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4-Chloro-3-Methylphenol		U		Y	0.092	0.83	4
LB-28-COMP 2-4-11	17B0503-51	4-Chloroaniline		U		Y	0.098	0.83	4
LB-28-COMP 2-4-11	17B0503-51	4-Chlorophenyl Phenyl Ether		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4-Nitroaniline		U		Y	0.072	0.43	4
LB-28-COMP 2-4-11	17B0503-51	4-Nitrophenol		U		Y	0.093	0.83	4
LB-28-COMP 2-4-11	17B0503-51	Acenaphthene	0.28			Y	0.064	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Acenaphthene-D10	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Acenaphthylene		U		Y	0.072	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Acetophenone		U		Y	0.084	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Aniline		U		Y	0.12	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Anthracene		U		Y	0.062	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzidine		U	UJ	Y	0.53	0.83	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(A)Anthracene		U		Y	0.057	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(A)Pyrene		U		Y	0.067	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(B)Fluoranthene		U		Y	0.06	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(G,H,I)Perylene		U		Y	0.094	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzo(K)Fluoranthene		U		Y	0.067	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Benzoic Acid		U		Y	0.23	1.3	4
LB-28-COMP 2-4-11	17B0503-51	Benzyl Butyl Phthalate		U		Y	0.1	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Bis(2-Chloroethoxy) Methane		U		Y	0.082	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.084	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Bis(2-Chloroisopropyl) Ether		U		Y	0.092	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Bis(2-Ethylhexyl) Phthalate		U		Y	0.17	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Carbazole		U		Y	0.055	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Chrysene		U		Y	0.067	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Chrysene-D12	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Dibenzofuran		U		Y	0.074	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Diethyl Phthalate		U		Y	0.077	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Dimethyl Phthalate		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Di-N-Butyl Phthalate		U		Y	0.093	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Di-N-Octylphthalate		U		Y	0.22	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Fluoranthene	0.37			Y	0.07	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Fluorene		U		Y	0.069	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Hexachlorobenzene		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Hexachlorobutadiene		U		Y	0.075	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Hexachlorocyclopentadiene		U		Y	0.091	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Hexachloroethane		U		Y	0.086	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Isophorone		U		Y	0.083	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Naphthalene		U		Y	0.11	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Naphthalene-D8	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Nitrobenzene		U		Y	0.081	0.43	4

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LB-28-COMP 2-4-11	17B0503-51	Nitrobenzene-D5	40.8			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	N-Nitrosodimethylamine		U		Y	0.27	0.43	4
LB-28-COMP 2-4-11	17B0503-51	N-Nitrosodi-N-Propylamine		U		Y	0.088	0.43	4
LB-28-COMP 2-4-11	17B0503-51	N-Nitrosodiphenylamine		U		Y	0.088	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Pentachloronitrobenzene		U		Y	0.1	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Pentachlorophenol		U		Y	0.1	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Perylene-D12	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Phenanthrene	0.27			Y	0.11	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Phenanthrene-D10	1.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Phenol		U		Y	0.073	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Phenol-D6	57.6			Y		0.43	4
LB-28-COMP 2-4-11	17B0503-51	Pyrene	0.34			Y	0.07	0.21	4
LB-28-COMP 2-4-11	17B0503-51	Pyridine		U		Y	0.069	0.43	4
LB-28-COMP 2-4-11	17B0503-51	Terphenyl-D14	62.7			Y		0.43	4
LB-29-COMP 1-0-4	17B0503-52	1,2,4,5-Tetrachlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,2,4-Trichlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,2-Dichlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,2-Diphenylhydrazine		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,3-Dichlorobenzene		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,4-Dichlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	1,4-Dichlorobenzene-D4	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	1-Methylnaphthalene		U		Y	0.15	0.39	4
LB-29-COMP 1-0-4	17B0503-52	2,4,5-Trichlorophenol		U	UJ	Y	0.18	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4,6-Tribromophenol	12.7			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4,6-Trichlorophenol		U	UJ	Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4-Dichlorophenol		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4-Dimethylphenol		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,4-Dinitrophenol		U	UJ	Y	0.45	1.5	4
LB-29-COMP 1-0-4	17B0503-52	2,4-Dinitrotoluene		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2,6-Dinitrotoluene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Chloronaphthalene		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Chlorophenol		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Fluorobiphenyl	66.9			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Fluorophenol	48.1			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Methylnaphthalene		U		Y	0.14	0.39	4
LB-29-COMP 1-0-4	17B0503-52	2-Methylphenol (O-Cresol)		U		Y	0.2	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Nitroaniline		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	2-Nitrophenol		U		Y	0.21	0.79	4
LB-29-COMP 1-0-4	17B0503-52	3- And 4- Methylphenol (Total)		U		Y	0.25	0.79	4
LB-29-COMP 1-0-4	17B0503-52	3,3'-Dichlorobenzidine		U		Y	0.12	0.39	4
LB-29-COMP 1-0-4	17B0503-52	3-Nitroaniline		U		Y	0.11	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4,6-Dinitro-2-Methylphenol		U		Y	0.75	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4-Bromophenyl Phenyl Ether		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4-Chloro-3-Methylphenol		U		Y	0.17	1.5	4
LB-29-COMP 1-0-4	17B0503-52	4-Chloroaniline		U		Y	0.18	1.5	4
LB-29-COMP 1-0-4	17B0503-52	4-Chlorophenyl Phenyl Ether		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4-Nitroaniline		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	4-Nitrophenol		U	UJ	Y	0.17	1.5	4
LB-29-COMP 1-0-4	17B0503-52	Acenaphthene	0.57	D		Y	0.12	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Acenaphthene-D10	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Acenaphthylene		U		Y	0.13	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Acetophenone		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Aniline		U		Y	0.22	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Anthracene	0.86	D		Y	0.11	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzidine		U	UJ	Y	0.98	1.5	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(A)Anthracene	2.5	D		Y	0.1	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(A)Pyrene	2.1	D		Y	0.12	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(B)Fluoranthene	2.6	D		Y	0.11	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(G,H,I)Perylene	1.2	D		Y	0.17	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzo(K)Fluoranthene	1.1	D		Y	0.12	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Benzoic Acid		U		Y	0.42	2.3	4
LB-29-COMP 1-0-4	17B0503-52	Benzyl Butyl Phthalate		U		Y	0.19	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Bis(2-Chloroethoxy) Methane		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Bis(2-Chloroisopropyl) Ether		U		Y	0.17	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Bis(2-Ethylhexyl) Phthalate		U		Y	0.31	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Carbazole	0.57	D		Y	0.1	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Chrysene	2.5	D		Y	0.12	0.39	4

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LB-29-COMP 1-0-4	17B0503-52	Chrysene-D12	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Dibenz(A,H)Anthracene		U		Y	0.24	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Dibenzofuran		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Diethyl Phthalate		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Dimethyl Phthalate		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Di-N-Butyl Phthalate		U		Y	0.17	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Di-N-Octylphthalate		U		Y	0.41	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Fluoranthene	4.8	D		Y	0.13	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Fluorene	0.52	D		Y	0.13	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Hexachlorobenzene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Hexachlorobutadiene		U		Y	0.14	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Hexachlorocyclopentadiene		U		Y	0.17	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Hexachloroethane		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Indeno(1,2,3-C,D)Pyrene	1.4	D		Y	0.28	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Isophorone		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Naphthalene	0.52	D		Y	0.2	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Naphthalene-D8	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Nitrobenzene		U		Y	0.15	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Nitrobenzene-D5	57.4			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	N-Nitrosodimethylamine		U		Y	0.5	0.79	4
LB-29-COMP 1-0-4	17B0503-52	N-Nitrosodi-N-Propylamine		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	N-Nitrosodiphenylamine		U		Y	0.16	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Pentachloronitrobenzene		U		Y	0.19	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Pentachlorophenol		U		Y	0.19	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Perylene-D12	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Phenanthrene	4.4	D		Y	0.2	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Phenanthrene-D10	1.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Phenol		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Phenol-D6	52.6			Y		0.79	4
LB-29-COMP 1-0-4	17B0503-52	Pyrene	4.8	D		Y	0.13	0.39	4
LB-29-COMP 1-0-4	17B0503-52	Pyridine		U		Y	0.13	0.79	4
LB-29-COMP 1-0-4	17B0503-52	Terphenyl-D14	66			Y		0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	1,2,4,5-Tetrachlorobenzene		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,2,4-Trichlorobenzene		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,2-Dichlorobenzene		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,2-Diphenylhydrazine		U		Y	0.066	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,3-Dichlorobenzene		U		Y	0.07	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,4-Dichlorobenzene		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	1,4-Dichlorobenzene-D4	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	1-Methylnaphthalene		U		Y	0.078	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4,5-Trichlorophenol		U		Y	0.093	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4,6-Tribromophenol	59.9			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4,6-Trichlorophenol		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4-Dichlorophenol		U		Y	0.07	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4-Dimethylphenol		U		Y	0.076	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4-Dinitrophenol		U		Y	0.23	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	2,4-Dinitrotoluene		U		Y	0.066	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2,6-Dinitrotoluene		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Chloronaphthalene		U		Y	0.077	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Chlorophenol		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Fluorobiphenyl	80.8			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Fluorophenol	60.2			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Methylnaphthalene		U		Y	0.071	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Methylphenol (O-Cresol)		U		Y	0.1	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Nitroaniline		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	2-Nitrophenol		U		Y	0.11	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	3- And 4- Methylphenol (Total)		U		Y	0.13	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	3,3'-Dichlorobenzidine		U		Y	0.062	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	3-Nitroaniline		U		Y	0.059	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4,6-Dinitro-2-Methylphenol		U		Y	0.39	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Bromophenyl Phenyl Ether		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Chloro-3-Methylphenol		U		Y	0.088	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Chloroaniline		U		Y	0.094	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Chlorophenyl Phenyl Ether		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Nitroaniline		U		Y	0.069	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	4-Nitrophenol		U		Y	0.089	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	Acenaphthene		U		Y	0.061	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Acenaphthene-D10	1.6			Y			4

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LB-29-COMP 2-4-9.3	17B0503-53	Acenaphthylene		U		Y	0.069	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Acetophenone		U		Y	0.081	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Aniline		U		Y	0.12	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Anthracene		U		Y	0.059	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzidine		U	UJ	Y	0.51	0.79	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(A)Anthracene		U		Y	0.054	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(A)Pyrene		U		Y	0.064	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(B)Fluoranthene		U		Y	0.058	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(G,H,I)Perylene		U		Y	0.09	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzo(K)Fluoranthene		U		Y	0.064	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzoic Acid		U		Y	0.22	1.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Benzyl Butyl Phthalate		U		Y	0.097	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Bis(2-Chloroethoxy) Methane		U		Y	0.078	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.081	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Bis(2-Chloroisopropyl) Ether		U		Y	0.088	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Carbazole		U		Y	0.053	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Chrysene		U		Y	0.064	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Chrysene-D12	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Dibenz(A,H)Anthracene		U		Y	0.12	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Dibenzofuran		U		Y	0.071	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Diethyl Phthalate		U		Y	0.073	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Dimethyl Phthalate		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Di-N-Butyl Phthalate		U		Y	0.089	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Di-N-Octylphthalate		U		Y	0.21	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Fluoranthene		U		Y	0.067	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Fluorene		U		Y	0.066	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Hexachlorobenzene		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Hexachlorobutadiene		U		Y	0.072	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Hexachlorocyclopentadiene		U		Y	0.087	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Hexachloroethane		U		Y	0.082	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Indeno(1,2,3-C,D)Pyrene		U		Y	0.15	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Isophorone		U		Y	0.079	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Naphthalene		U		Y	0.1	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Naphthalene-D8	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Nitrobenzene		U		Y	0.077	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Nitrobenzene-D5	63.2			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	N-Nitrosodimethylamine		U		Y	0.26	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	N-Nitrosodi-N-Propylamine		U		Y	0.084	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	N-Nitrosodiphenylamine		U		Y	0.084	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Pentachloronitrobenzene		U		Y	0.097	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Pentachlorophenol		U		Y	0.099	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Perylene-D12	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Phenanthrene		U		Y	0.11	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Phenanthrene-D10	1.6			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Phenol		U		Y	0.07	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Phenol-D6	63.4			Y		0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Pyrene		U		Y	0.067	0.2	4
LB-29-COMP 2-4-9.3	17B0503-53	Pyridine		U		Y	0.066	0.41	4
LB-29-COMP 2-4-9.3	17B0503-53	Terphenyl-D14	88.9			Y		0.41	4
LB-13-COMP 3-10-15	17B0503-54	1,2,4,5-Tetrachlorobenzene		U		Y	0.076	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,2,4-Trichlorobenzene		U		Y	0.076	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,2-Dichlorobenzene		U		Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,2-Diphenylhydrazine		U		Y	0.068	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,3-Dichlorobenzene		U		Y	0.072	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,4-Dichlorobenzene		U		Y	0.076	0.42	4
LB-13-COMP 3-10-15	17B0503-54	1,4-Dichlorobenzene-D4	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	1-Methylnaphthalene	0.29			Y	0.081	0.21	4
LB-13-COMP 3-10-15	17B0503-54	2,4,5-Trichlorophenol		U		Y	0.095	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4,6-Tribromophenol	24.4			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4,6-Trichlorophenol		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4-Dichlorophenol		U		Y	0.072	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4-Dimethylphenol		U		Y	0.078	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,4-Dinitrophenol		U		Y	0.24	0.82	4
LB-13-COMP 3-10-15	17B0503-54	2,4-Dinitrotoluene		U		Y	0.068	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2,6-Dinitrotoluene		U		Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Chloronaphthalene		U		Y	0.079	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Chlorophenol		U		Y	0.076	0.42	4

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LB-13-COMP 3-10-15	17B0503-54	2-Fluorobiphenyl	56.7			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Fluorophenol	37.5			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Methylnaphthalene	0.39		JL	Y	0.073	0.21	4
LB-13-COMP 3-10-15	17B0503-54	2-Methylphenol (O-Cresol)		U		Y	0.11	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Nitroaniline		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	2-Nitrophenol		U		Y	0.11	0.42	4
LB-13-COMP 3-10-15	17B0503-54	3- And 4- Methylphenol (Total)		U		Y	0.13	0.42	4
LB-13-COMP 3-10-15	17B0503-54	3,3'-Dichlorobenzidine		U		Y	0.064	0.21	4
LB-13-COMP 3-10-15	17B0503-54	3-Nitroaniline		U		Y	0.061	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4,6-Dinitro-2-Methylphenol		U		Y	0.4	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4-Bromophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4-Chloro-3-Methylphenol		U		Y	0.09	0.82	4
LB-13-COMP 3-10-15	17B0503-54	4-Chloroaniline		U	UJ	Y	0.097	0.82	4
LB-13-COMP 3-10-15	17B0503-54	4-Chlorophenyl Phenyl Ether		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4-Nitroaniline		U		Y	0.071	0.42	4
LB-13-COMP 3-10-15	17B0503-54	4-Nitrophenol		U		Y	0.092	0.82	4
LB-13-COMP 3-10-15	17B0503-54	Acenaphthene		U		Y	0.063	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Acenaphthene-D10	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Acenaphthylene		U		Y	0.071	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Acetophenone		U		Y	0.083	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Aniline		U		Y	0.12	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Anthracene		U		Y	0.061	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzidine		U	UJ	Y	0.53	0.82	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(A)Anthracene	0.58			Y	0.056	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(A)Pyrene	0.48			Y	0.066	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(B)Fluoranthene	0.78			Y	0.059	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(G,H,I)Perylene	0.41			Y	0.093	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzo(K)Fluoranthene		U		Y	0.066	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Benzoic Acid		U		Y	0.22	1.2	4
LB-13-COMP 3-10-15	17B0503-54	Benzyl Butyl Phthalate		U		Y	0.1	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Bis(2-Chloroethoxy) Methane		U	UJ	Y	0.081	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.083	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Bis(2-Chloroisopropyl) Ether		U		Y	0.09	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Bis(2-Ethylhexyl) Phthalate		U		Y	0.16	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Carbazole		U		Y	0.055	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Chrysene	0.65			Y	0.066	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Chrysene-D12	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Dibenz(A,H)Anthracene		U		Y	0.13	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Dibenzofuran		U		Y	0.073	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Diethyl Phthalate		U		Y	0.076	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Dimethyl Phthalate		U		Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Di-N-Butyl Phthalate		U		Y	0.092	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Di-N-Octylphthalate		U		Y	0.22	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Fluoranthene	1.3			Y	0.069	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Fluorene	0.35			Y	0.068	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Hexachlorobenzene		U		Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Hexachlorobutadiene		U	UJ	Y	0.074	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Hexachlorocyclopentadiene		U		Y	0.089	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Hexachloroethane		U		Y	0.084	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Indeno(1,2,3-C,D)Pyrene	0.44			Y	0.15	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Isophorone		U	UJ	Y	0.082	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Naphthalene	0.48		JL	Y	0.11	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Naphthalene-D8	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Nitrobenzene		U	UJ	Y	0.079	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Nitrobenzene-D5	10.8			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	N-Nitrosodimethylamine		U		Y	0.27	0.42	4
LB-13-COMP 3-10-15	17B0503-54	N-Nitrosodi-N-Propylamine		U		Y	0.087	0.42	4
LB-13-COMP 3-10-15	17B0503-54	N-Nitrosodiphenylamine		U		Y	0.087	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Pentachloronitrobenzene		U		Y	0.1	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Pentachlorophenol		U		Y	0.1	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Perylene-D12	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Phenanthrene	1.6			Y	0.11	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Phenanthrene-D10	1.7			Y			4
LB-13-COMP 3-10-15	17B0503-54	Phenol		U		Y	0.072	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Phenol-D6	44			Y		0.42	4
LB-13-COMP 3-10-15	17B0503-54	Pyrene	1.3			Y	0.069	0.21	4
LB-13-COMP 3-10-15	17B0503-54	Pyridine		U		Y	0.068	0.42	4
LB-13-COMP 3-10-15	17B0503-54	Terphenyl-D14	48.2			Y		0.42	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170235-BLK1	B170235-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	1,2,4-Trichlorobenzene		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	1,2-Dichlorobenzene		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	1,2-Diphenylhydrazine		U		Y	0.055	0.34	4
B170235-BLK1	B170235-BLK1	1,3-Dichlorobenzene		U		Y	0.058	0.34	4
B170235-BLK1	B170235-BLK1	1,4-Dichlorobenzene		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	1,4-Dichlorobenzene-D4	1.3			Y			4
B170235-BLK1	B170235-BLK1	1-Methylnaphthalene		U		Y	0.065	0.17	4
B170235-BLK1	B170235-BLK1	2,4,5-Trichlorophenol		U		Y	0.077	0.34	4
B170235-BLK1	B170235-BLK1	2,4,6-Tribromophenol	95.3			Y		0.34	4
B170235-BLK1	B170235-BLK1	2,4,6-Trichlorophenol		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	2,4-Dichlorophenol		U		Y	0.058	0.34	4
B170235-BLK1	B170235-BLK1	2,4-Dimethylphenol		U		Y	0.063	0.34	4
B170235-BLK1	B170235-BLK1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170235-BLK1	B170235-BLK1	2,4-Dinitrotoluene		U		Y	0.055	0.34	4
B170235-BLK1	B170235-BLK1	2,6-Dinitrotoluene		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	2-Chloronaphthalene		U		Y	0.064	0.34	4
B170235-BLK1	B170235-BLK1	2-Chlorophenol		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	2-Fluorobiphenyl	89.3			Y		0.34	4
B170235-BLK1	B170235-BLK1	2-Fluorophenol	75.2			Y		0.34	4
B170235-BLK1	B170235-BLK1	2-Methylnaphthalene		U		Y	0.059	0.17	4
B170235-BLK1	B170235-BLK1	2-Methylphenol (O-Cresol)		U		Y	0.085	0.34	4
B170235-BLK1	B170235-BLK1	2-Nitroaniline		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	2-Nitrophenol		U		Y	0.09	0.34	4
B170235-BLK1	B170235-BLK1	3- And 4- Methylphenol (Total)		U		Y	0.11	0.34	4
B170235-BLK1	B170235-BLK1	3,3'-Dichlorobenzidine		U		Y	0.052	0.17	4
B170235-BLK1	B170235-BLK1	3-Nitroaniline		U		Y	0.049	0.34	4
B170235-BLK1	B170235-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	0.32	0.34	4
B170235-BLK1	B170235-BLK1	4-Bromophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	4-Chloro-3-Methylphenol		U		Y	0.073	0.66	4
B170235-BLK1	B170235-BLK1	4-Chloroaniline		U		Y	0.078	0.66	4
B170235-BLK1	B170235-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	4-Nitroaniline		U		Y	0.057	0.34	4
B170235-BLK1	B170235-BLK1	4-Nitrophenol		U		Y	0.074	0.66	4
B170235-BLK1	B170235-BLK1	Acenaphthene		U		Y	0.051	0.17	4
B170235-BLK1	B170235-BLK1	Acenaphthene-D10	1.3			Y			4
B170235-BLK1	B170235-BLK1	Acenaphthylene		U		Y	0.057	0.17	4
B170235-BLK1	B170235-BLK1	Acetophenone		U		Y	0.067	0.34	4
B170235-BLK1	B170235-BLK1	Aniline		U		Y	0.096	0.34	4
B170235-BLK1	B170235-BLK1	Anthracene		U		Y	0.049	0.17	4
B170235-BLK1	B170235-BLK1	Benzidine		U	UJ	Y	0.42	0.66	4
B170235-BLK1	B170235-BLK1	Benzo(A)Anthracene		U		Y	0.045	0.17	4
B170235-BLK1	B170235-BLK1	Benzo(A)Pyrene		U		Y	0.053	0.17	4
B170235-BLK1	B170235-BLK1	Benzo(B)Fluoranthene		U		Y	0.048	0.17	4
B170235-BLK1	B170235-BLK1	Benzo(G,H,I)Perylene		U		Y	0.075	0.17	4
B170235-BLK1	B170235-BLK1	Benzo(K)Fluoranthene		U		Y	0.053	0.17	4
B170235-BLK1	B170235-BLK1	Benzoic Acid		U		Y	0.18	1	4
B170235-BLK1	B170235-BLK1	Benzyl Butyl Phthalate		U		Y	0.081	0.34	4
B170235-BLK1	B170235-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	0.065	0.34	4
B170235-BLK1	B170235-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.067	0.34	4
B170235-BLK1	B170235-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	0.073	0.34	4
B170235-BLK1	B170235-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.13	0.34	4
B170235-BLK1	B170235-BLK1	Carbazole		U		Y	0.044	0.17	4
B170235-BLK1	B170235-BLK1	Chrysene		U		Y	0.053	0.17	4
B170235-BLK1	B170235-BLK1	Chrysene-D12	1.3			Y			4
B170235-BLK1	B170235-BLK1	Dibenz(A,H)Anthracene		U		Y	0.1	0.17	4
B170235-BLK1	B170235-BLK1	Dibenzofuran		U		Y	0.059	0.34	4
B170235-BLK1	B170235-BLK1	Diethyl Phthalate		U		Y	0.061	0.34	4
B170235-BLK1	B170235-BLK1	Dimethyl Phthalate		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	Di-N-Butyl Phthalate		U		Y	0.074	0.34	4
B170235-BLK1	B170235-BLK1	Di-N-Octylphthalate		U		Y	0.18	0.34	4
B170235-BLK1	B170235-BLK1	Fluoranthene		U		Y	0.056	0.17	4
B170235-BLK1	B170235-BLK1	Fluorene		U		Y	0.055	0.17	4
B170235-BLK1	B170235-BLK1	Hexachlorobenzene		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	Hexachlorobutadiene		U		Y	0.06	0.34	4
B170235-BLK1	B170235-BLK1	Hexachlorocyclopentadiene		U		Y	0.072	0.34	4
B170235-BLK1	B170235-BLK1	Hexachloroethane		U		Y	0.068	0.34	4
B170235-BLK1	B170235-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.12	0.17	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170235-BLK1	B170235-BLK1	Isophorone		U		Y	0.066	0.34	4
B170235-BLK1	B170235-BLK1	Naphthalene		U		Y	0.087	0.17	4
B170235-BLK1	B170235-BLK1	Naphthalene-D8	1.3			Y			4
B170235-BLK1	B170235-BLK1	Nitrobenzene		U		Y	0.064	0.34	4
B170235-BLK1	B170235-BLK1	Nitrobenzene-D5	73.1			Y		0.34	4
B170235-BLK1	B170235-BLK1	N-Nitrosodimethylamine		U		Y	0.22	0.34	4
B170235-BLK1	B170235-BLK1	N-Nitrosodi-N-Propylamine		U		Y	0.07	0.34	4
B170235-BLK1	B170235-BLK1	N-Nitrosodiphenylamine		U		Y	0.07	0.34	4
B170235-BLK1	B170235-BLK1	Pentachloronitrobenzene		U		Y	0.081	0.34	4
B170235-BLK1	B170235-BLK1	Pentachlorophenol		U		Y	0.082	0.34	4
B170235-BLK1	B170235-BLK1	Perylene-D12	1.3			Y			4
B170235-BLK1	B170235-BLK1	Phenanthrene		U		Y	0.088	0.17	4
B170235-BLK1	B170235-BLK1	Phenanthrene-D10	1.3			Y			4
B170235-BLK1	B170235-BLK1	Phenol		U		Y	0.058	0.34	4
B170235-BLK1	B170235-BLK1	Phenol-D6	77.1			Y		0.34	4
B170235-BLK1	B170235-BLK1	Pyrene		U		Y	0.056	0.17	4
B170235-BLK1	B170235-BLK1	Pyridine		U		Y	0.055	0.34	4
B170235-BLK1	B170235-BLK1	Terphenyl-D14	95.8			Y		0.34	4
B170235-BS1	B170235-BS1	1,2,4,5-Tetrachlorobenzene	1.29			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	1,2,4-Trichlorobenzene	1.1			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	1,2-Dichlorobenzene	0.998			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	1,2-Diphenylhydrazine	1.22			Y	0.055	0.34	4
B170235-BS1	B170235-BS1	1,3-Dichlorobenzene	0.956			Y	0.058	0.34	4
B170235-BS1	B170235-BS1	1,4-Dichlorobenzene	0.973			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170235-BS1	B170235-BS1	1-Methylnaphthalene	1.07			Y	0.065	0.17	4
B170235-BS1	B170235-BS1	2,4,5-Trichlorophenol	1.32			Y	0.077	0.34	4
B170235-BS1	B170235-BS1	2,4,6-Tribromophenol	91.2			Y		0.34	4
B170235-BS1	B170235-BS1	2,4,6-Trichlorophenol	1.33			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	2,4-Dichlorophenol	1.14			Y	0.058	0.34	4
B170235-BS1	B170235-BS1	2,4-Dimethylphenol	1.1			Y	0.063	0.34	4
B170235-BS1	B170235-BS1	2,4-Dinitrophenol	1.05			Y	0.19	0.66	4
B170235-BS1	B170235-BS1	2,4-Dinitrotoluene	1.35			Y	0.055	0.34	4
B170235-BS1	B170235-BS1	2,6-Dinitrotoluene	1.39			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	2-Chloronaphthalene	1.19			Y	0.064	0.34	4
B170235-BS1	B170235-BS1	2-Chlorophenol	1.09			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	2-Fluorobiphenyl	84.1			Y		0.34	4
B170235-BS1	B170235-BS1	2-Fluorophenol	70.4			Y		0.34	4
B170235-BS1	B170235-BS1	2-Methylnaphthalene	1.15			Y	0.059	0.17	4
B170235-BS1	B170235-BS1	2-Methylphenol (O-Cresol)	1.1			Y	0.085	0.34	4
B170235-BS1	B170235-BS1	2-Nitroaniline	1.26			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	2-Nitrophenol	1.11			Y	0.09	0.34	4
B170235-BS1	B170235-BS1	3- And 4- Methylphenol (Total)	1.11			Y	0.11	0.34	4
B170235-BS1	B170235-BS1	3,3'-Dichlorobenzidine	0.832			Y	0.052	0.17	4
B170235-BS1	B170235-BS1	3-Nitroaniline	1.07			Y	0.049	0.34	4
B170235-BS1	B170235-BS1	4,6-Dinitro-2-Methylphenol	1.13			Y	0.32	0.34	4
B170235-BS1	B170235-BS1	4-Bromophenyl Phenyl Ether	1.21			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	4-Chloro-3-Methylphenol	1.11			Y	0.073	0.66	4
B170235-BS1	B170235-BS1	4-Chloroaniline		U		Y	0.078	0.66	4
B170235-BS1	B170235-BS1	4-Chlorophenyl Phenyl Ether	1.32			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	4-Nitroaniline	1.29			Y	0.057	0.34	4
B170235-BS1	B170235-BS1	4-Nitrophenol	1.3			Y	0.074	0.66	4
B170235-BS1	B170235-BS1	Acenaphthene	1.25			Y	0.051	0.17	4
B170235-BS1	B170235-BS1	Acenaphthene-D10	1.33			Y			4
B170235-BS1	B170235-BS1	Acenaphthylene	1.26			Y	0.057	0.17	4
B170235-BS1	B170235-BS1	Acetophenone	1.06			Y	0.067	0.34	4
B170235-BS1	B170235-BS1	Aniline	0.717			Y	0.096	0.34	4
B170235-BS1	B170235-BS1	Anthracene	1.19			Y	0.049	0.17	4
B170235-BS1	B170235-BS1	Benzidine	0.958		J	Y	0.42	0.66	4
B170235-BS1	B170235-BS1	Benzo(A)Anthracene	1.24			Y	0.045	0.17	4
B170235-BS1	B170235-BS1	Benzo(A)Pyrene	1.16			Y	0.053	0.17	4
B170235-BS1	B170235-BS1	Benzo(B)Fluoranthene	1.14			Y	0.048	0.17	4
B170235-BS1	B170235-BS1	Benzo(G,H,I)Perylene	1.24			Y	0.075	0.17	4
B170235-BS1	B170235-BS1	Benzo(K)Fluoranthene	1.14			Y	0.053	0.17	4
B170235-BS1	B170235-BS1	Benzoic Acid		U		Y	0.18	1	4
B170235-BS1	B170235-BS1	Benzyl Butyl Phthalate	1.29			Y	0.081	0.34	4
B170235-BS1	B170235-BS1	Bis(2-Chloroethoxy) Methane	1.15			Y	0.065	0.34	4
B170235-BS1	B170235-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.1			Y	0.067	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170235-BS1	B170235-BS1	Bis(2-Chloroisopropyl) Ether	0.999			Y	0.073	0.34	4
B170235-BS1	B170235-BS1	Bis(2-Ethylhexyl) Phthalate	1.2			Y	0.13	0.34	4
B170235-BS1	B170235-BS1	Carbazole	1.15			Y	0.044	0.17	4
B170235-BS1	B170235-BS1	Chrysene	1.18			Y	0.053	0.17	4
B170235-BS1	B170235-BS1	Chrysene-D12	1.33			Y			4
B170235-BS1	B170235-BS1	Dibenz(A,H)Anthracene	1.2			Y	0.1	0.17	4
B170235-BS1	B170235-BS1	Dibenzofuran	1.33			Y	0.059	0.34	4
B170235-BS1	B170235-BS1	Diethyl Phthalate	1.3			Y	0.061	0.34	4
B170235-BS1	B170235-BS1	Dimethyl Phthalate	1.31			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	Di-N-Butyl Phthalate	1.15			Y	0.074	0.34	4
B170235-BS1	B170235-BS1	Di-N-Octylphthalate	1.09			Y	0.18	0.34	4
B170235-BS1	B170235-BS1	Fluoranthene	1.15			Y	0.056	0.17	4
B170235-BS1	B170235-BS1	Fluorene	1.29			Y	0.055	0.17	4
B170235-BS1	B170235-BS1	Hexachlorobenzene	1.16			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	Hexachlorobutadiene	1.1			Y	0.06	0.34	4
B170235-BS1	B170235-BS1	Hexachlorocyclopentadiene	1.16			Y	0.072	0.34	4
B170235-BS1	B170235-BS1	Hexachloroethane	0.979			Y	0.068	0.34	4
B170235-BS1	B170235-BS1	Indeno(1,2,3-C,D)Pyrene	1.19			Y	0.12	0.17	4
B170235-BS1	B170235-BS1	Isophorone	1.1			Y	0.066	0.34	4
B170235-BS1	B170235-BS1	Naphthalene	1.07			Y	0.087	0.17	4
B170235-BS1	B170235-BS1	Naphthalene-D8	1.33			Y			4
B170235-BS1	B170235-BS1	Nitrobenzene	1.08			Y	0.064	0.34	4
B170235-BS1	B170235-BS1	Nitrobenzene-D5	69.2			Y		0.34	4
B170235-BS1	B170235-BS1	N-Nitrosodimethylamine	0.984			Y	0.22	0.34	4
B170235-BS1	B170235-BS1	N-Nitrosodi-N-Propylamine	1.06			Y	0.07	0.34	4
B170235-BS1	B170235-BS1	N-Nitrosodiphenylamine	1.65			Y	0.07	0.34	4
B170235-BS1	B170235-BS1	Pentachloronitrobenzene	1.22			Y	0.081	0.34	4
B170235-BS1	B170235-BS1	Pentachlorophenol	1.08			Y	0.082	0.34	4
B170235-BS1	B170235-BS1	Perylene-D12	1.33			Y			4
B170235-BS1	B170235-BS1	Phenanthrene	1.18			Y	0.088	0.17	4
B170235-BS1	B170235-BS1	Phenanthrene-D10	1.33			Y			4
B170235-BS1	B170235-BS1	Phenol	1.09			Y	0.058	0.34	4
B170235-BS1	B170235-BS1	Phenol-D6	71.5			Y		0.34	4
B170235-BS1	B170235-BS1	Pyrene	1.34			Y	0.056	0.17	4
B170235-BS1	B170235-BS1	Pyridine	0.718			Y	0.055	0.34	4
B170235-BS1	B170235-BS1	Terphenyl-D14	86.5			Y		0.34	4
B170235-BSD1	B170235-BSD1	1,2,4,5-Tetrachlorobenzene	1.2			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	1,2,4-Trichlorobenzene	1.03			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	1,2-Dichlorobenzene	0.977			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	1,2-Diphenylhydrazine	1.15			Y	0.055	0.34	4
B170235-BSD1	B170235-BSD1	1,3-Dichlorobenzene	0.93			Y	0.058	0.34	4
B170235-BSD1	B170235-BSD1	1,4-Dichlorobenzene	0.953			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170235-BSD1	B170235-BSD1	1-Methylnaphthalene	0.986			Y	0.065	0.17	4
B170235-BSD1	B170235-BSD1	2,4,5-Trichlorophenol	1.24			Y	0.077	0.34	4
B170235-BSD1	B170235-BSD1	2,4,6-Tribromophenol	81.7			Y		0.34	4
B170235-BSD1	B170235-BSD1	2,4,6-Trichlorophenol	1.26			Y	0.057	0.34	4
B170235-BSD1	B170235-BSD1	2,4-Dichlorophenol	1.07			Y	0.058	0.34	4
B170235-BSD1	B170235-BSD1	2,4-Dimethylphenol	1.01			Y	0.063	0.34	4
B170235-BSD1	B170235-BSD1	2,4-Dinitrophenol	1.06			Y	0.19	0.66	4
B170235-BSD1	B170235-BSD1	2,4-Dinitrotoluene	1.27			Y	0.055	0.34	4
B170235-BSD1	B170235-BSD1	2,6-Dinitrotoluene	1.3			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	2-Chloronaphthalene	1.06			Y	0.064	0.34	4
B170235-BSD1	B170235-BSD1	2-Chlorophenol	1.04			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	2-Fluorobiphenyl	76.6			Y		0.34	4
B170235-BSD1	B170235-BSD1	2-Fluorophenol	65.4			Y		0.34	4
B170235-BSD1	B170235-BSD1	2-Methylnaphthalene	1.08			Y	0.059	0.17	4
B170235-BSD1	B170235-BSD1	2-Methylphenol (O-Cresol)	1.04			Y	0.085	0.34	4
B170235-BSD1	B170235-BSD1	2-Nitroaniline	1.22			Y	0.057	0.34	4
B170235-BSD1	B170235-BSD1	2-Nitrophenol	1.05			Y	0.09	0.34	4
B170235-BSD1	B170235-BSD1	3- And 4- Methylphenol (Total)	1.06			Y	0.11	0.34	4
B170235-BSD1	B170235-BSD1	3,3'-Dichlorobenzidine	0.708			Y	0.052	0.17	4
B170235-BSD1	B170235-BSD1	3-Nitroaniline	0.922			Y	0.049	0.34	4
B170235-BSD1	B170235-BSD1	4,6-Dinitro-2-Methylphenol	1.09			Y	0.32	0.34	4
B170235-BSD1	B170235-BSD1	4-Bromophenyl Phenyl Ether	1.13			Y	0.057	0.34	4
B170235-BSD1	B170235-BSD1	4-Chloro-3-Methylphenol	1.04			Y	0.073	0.66	4
B170235-BSD1	B170235-BSD1	4-Chloroaniline		U		Y	0.078	0.66	4
B170235-BSD1	B170235-BSD1	4-Chlorophenyl Phenyl Ether	1.25			Y	0.057	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170235-BSD1	B170235-BSD1	4-Nitroaniline	1.22			Y	0.057	0.34	4
B170235-BSD1	B170235-BSD1	4-Nitrophenol	1.25			Y	0.074	0.66	4
B170235-BSD1	B170235-BSD1	Acenaphthene	1.18			Y	0.051	0.17	4
B170235-BSD1	B170235-BSD1	Acenaphthene-D10	1.33			Y			4
B170235-BSD1	B170235-BSD1	Acenaphthylene	1.18			Y	0.057	0.17	4
B170235-BSD1	B170235-BSD1	Acetophenone	1.03			Y	0.067	0.34	4
B170235-BSD1	B170235-BSD1	Aniline	0.622			Y	0.096	0.34	4
B170235-BSD1	B170235-BSD1	Anthracene	1.12			Y	0.049	0.17	4
B170235-BSD1	B170235-BSD1	Benzidine	0.708		J	Y	0.42	0.66	4
B170235-BSD1	B170235-BSD1	Benzo(A)Anthracene	1.19			Y	0.045	0.17	4
B170235-BSD1	B170235-BSD1	Benzo(A)Pyrene	1.11			Y	0.053	0.17	4
B170235-BSD1	B170235-BSD1	Benzo(B)Fluoranthene	1.08			Y	0.048	0.17	4
B170235-BSD1	B170235-BSD1	Benzo(G,H,I)Perylene	1.2			Y	0.075	0.17	4
B170235-BSD1	B170235-BSD1	Benzo(K)Fluoranthene	1.08			Y	0.053	0.17	4
B170235-BSD1	B170235-BSD1	Benzoic Acid		U		Y	0.18	1	4
B170235-BSD1	B170235-BSD1	Benzyl Butyl Phthalate	1.22			Y	0.081	0.34	4
B170235-BSD1	B170235-BSD1	Bis(2-Chloroethoxy) Methane	1.08			Y	0.065	0.34	4
B170235-BSD1	B170235-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.05			Y	0.067	0.34	4
B170235-BSD1	B170235-BSD1	Bis(2-Chloroisopropyl) Ether	0.974			Y	0.073	0.34	4
B170235-BSD1	B170235-BSD1	Bis(2-Ethylhexyl) Phthalate	1.14			Y	0.13	0.34	4
B170235-BSD1	B170235-BSD1	Carbazole	1.09			Y	0.044	0.17	4
B170235-BSD1	B170235-BSD1	Chrysene	1.11			Y	0.053	0.17	4
B170235-BSD1	B170235-BSD1	Chrysene-D12	1.33			Y			4
B170235-BSD1	B170235-BSD1	Dibenz(A,H)Anthracene	1.15			Y	0.1	0.17	4
B170235-BSD1	B170235-BSD1	Dibenzofuran	1.25			Y	0.059	0.34	4
B170235-BSD1	B170235-BSD1	Diethyl Phthalate	1.23			Y	0.061	0.34	4
B170235-BSD1	B170235-BSD1	Dimethyl Phthalate	1.23			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	Di-N-Butyl Phthalate	1.1			Y	0.074	0.34	4
B170235-BSD1	B170235-BSD1	Di-N-Octylphthalate	1.06			Y	0.18	0.34	4
B170235-BSD1	B170235-BSD1	Fluoranthene	1.09			Y	0.056	0.17	4
B170235-BSD1	B170235-BSD1	Fluorene	1.22			Y	0.055	0.17	4
B170235-BSD1	B170235-BSD1	Hexachlorobenzene	1.08			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	Hexachlorobutadiene	1.04			Y	0.06	0.34	4
B170235-BSD1	B170235-BSD1	Hexachlorocyclopentadiene	1.06			Y	0.072	0.34	4
B170235-BSD1	B170235-BSD1	Hexachloroethane	0.946			Y	0.068	0.34	4
B170235-BSD1	B170235-BSD1	Indeno(1,2,3-C,D)Pyrene	1.15			Y	0.12	0.17	4
B170235-BSD1	B170235-BSD1	Isophorone	1.04			Y	0.066	0.34	4
B170235-BSD1	B170235-BSD1	Naphthalene	1.01			Y	0.087	0.17	4
B170235-BSD1	B170235-BSD1	Naphthalene-D8	1.33			Y			4
B170235-BSD1	B170235-BSD1	Nitrobenzene	1.02			Y	0.064	0.34	4
B170235-BSD1	B170235-BSD1	Nitrobenzene-D5	64			Y		0.34	4
B170235-BSD1	B170235-BSD1	N-Nitrosodimethylamine	0.975			Y	0.22	0.34	4
B170235-BSD1	B170235-BSD1	N-Nitrosodi-N-Propylamine	1.03			Y	0.07	0.34	4
B170235-BSD1	B170235-BSD1	N-Nitrosodiphenylamine	1.53			Y	0.07	0.34	4
B170235-BSD1	B170235-BSD1	Pentachloronitrobenzene	1.13			Y	0.081	0.34	4
B170235-BSD1	B170235-BSD1	Pentachlorophenol	0.976			Y	0.082	0.34	4
B170235-BSD1	B170235-BSD1	Perylene-D12	1.33			Y			4
B170235-BSD1	B170235-BSD1	Phenanthrene	1.11			Y	0.088	0.17	4
B170235-BSD1	B170235-BSD1	Phenanthrene-D10	1.33			Y			4
B170235-BSD1	B170235-BSD1	Phenol	1.03			Y	0.058	0.34	4
B170235-BSD1	B170235-BSD1	Phenol-D6	65.7			Y		0.34	4
B170235-BSD1	B170235-BSD1	Pyrene	1.27			Y	0.056	0.17	4
B170235-BSD1	B170235-BSD1	Pyridine	0.724			Y	0.055	0.34	4
B170235-BSD1	B170235-BSD1	Terphenyl-D14	78.3			Y		0.34	4
B170411-BLK1	B170411-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	1,2,4-Trichlorobenzene		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	1,2-Dichlorobenzene		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	1,2-Diphenylhydrazine		U		Y	0.055	0.34	4
B170411-BLK1	B170411-BLK1	1,3-Dichlorobenzene		U		Y	0.058	0.34	4
B170411-BLK1	B170411-BLK1	1,4-Dichlorobenzene		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	1,4-Dichlorobenzene-D4	1.3			Y			4
B170411-BLK1	B170411-BLK1	1-Methylnaphthalene		U		Y	0.065	0.17	4
B170411-BLK1	B170411-BLK1	2,4,5-Trichlorophenol		U		Y	0.077	0.34	4
B170411-BLK1	B170411-BLK1	2,4,6-Tribromophenol	83			Y		0.34	4
B170411-BLK1	B170411-BLK1	2,4,6-Trichlorophenol		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	2,4-Dichlorophenol		U		Y	0.058	0.34	4
B170411-BLK1	B170411-BLK1	2,4-Dimethylphenol		U		Y	0.063	0.34	4
B170411-BLK1	B170411-BLK1	2,4-Dinitrophenol		U		Y	0.19	0.66	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170411-BLK1	B170411-BLK1	2,4-Dinitrotoluene		U		Y	0.055	0.34	4
B170411-BLK1	B170411-BLK1	2,6-Dinitrotoluene		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	2-Chloronaphthalene		U		Y	0.064	0.34	4
B170411-BLK1	B170411-BLK1	2-Chlorophenol		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	2-Fluorobiphenyl	87.9			Y		0.34	4
B170411-BLK1	B170411-BLK1	2-Fluorophenol	73.2			Y		0.34	4
B170411-BLK1	B170411-BLK1	2-Methylnaphthalene		U		Y	0.059	0.17	4
B170411-BLK1	B170411-BLK1	2-Methylphenol (O-Cresol)		U		Y	0.085	0.34	4
B170411-BLK1	B170411-BLK1	2-Nitroaniline		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	2-Nitrophenol		U		Y	0.09	0.34	4
B170411-BLK1	B170411-BLK1	3- And 4- Methylphenol (Total)		U		Y	0.11	0.34	4
B170411-BLK1	B170411-BLK1	3,3'-Dichlorobenzidine		U		Y	0.052	0.17	4
B170411-BLK1	B170411-BLK1	3-Nitroaniline		U		Y	0.049	0.34	4
B170411-BLK1	B170411-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	0.32	0.34	4
B170411-BLK1	B170411-BLK1	4-Bromophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	4-Chloro-3-Methylphenol		U		Y	0.073	0.66	4
B170411-BLK1	B170411-BLK1	4-Chloroaniline		U		Y	0.078	0.66	4
B170411-BLK1	B170411-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	4-Nitroaniline		U		Y	0.057	0.34	4
B170411-BLK1	B170411-BLK1	4-Nitrophenol		U		Y	0.074	0.66	4
B170411-BLK1	B170411-BLK1	Acenaphthene		U		Y	0.051	0.17	4
B170411-BLK1	B170411-BLK1	Acenaphthene-D10	1.3			Y			4
B170411-BLK1	B170411-BLK1	Acenaphthylene		U		Y	0.057	0.17	4
B170411-BLK1	B170411-BLK1	Acetophenone		U		Y	0.067	0.34	4
B170411-BLK1	B170411-BLK1	Aniline		U		Y	0.096	0.34	4
B170411-BLK1	B170411-BLK1	Anthracene		U		Y	0.049	0.17	4
B170411-BLK1	B170411-BLK1	Benzidine		U	UJ	Y	0.42	0.66	4
B170411-BLK1	B170411-BLK1	Benzo(A)Anthracene		U		Y	0.045	0.17	4
B170411-BLK1	B170411-BLK1	Benzo(A)Pyrene		U		Y	0.053	0.17	4
B170411-BLK1	B170411-BLK1	Benzo(B)Fluoranthene		U		Y	0.048	0.17	4
B170411-BLK1	B170411-BLK1	Benzo(G,H,I)Perylene		U		Y	0.075	0.17	4
B170411-BLK1	B170411-BLK1	Benzo(K)Fluoranthene		U		Y	0.053	0.17	4
B170411-BLK1	B170411-BLK1	Benzoic Acid		U		Y	0.18	1	4
B170411-BLK1	B170411-BLK1	Benzyl Butyl Phthalate		U		Y	0.081	0.34	4
B170411-BLK1	B170411-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	0.065	0.34	4
B170411-BLK1	B170411-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.067	0.34	4
B170411-BLK1	B170411-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	0.073	0.34	4
B170411-BLK1	B170411-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.13	0.34	4
B170411-BLK1	B170411-BLK1	Carbazole		U		Y	0.044	0.17	4
B170411-BLK1	B170411-BLK1	Chrysene		U		Y	0.053	0.17	4
B170411-BLK1	B170411-BLK1	Chrysene-D12	1.3			Y			4
B170411-BLK1	B170411-BLK1	Dibenz(A,H)Anthracene		U		Y	0.1	0.17	4
B170411-BLK1	B170411-BLK1	Dibenzofuran		U		Y	0.059	0.34	4
B170411-BLK1	B170411-BLK1	Diethyl Phthalate		U		Y	0.061	0.34	4
B170411-BLK1	B170411-BLK1	Dimethyl Phthalate		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	Di-N-Butyl Phthalate		U		Y	0.074	0.34	4
B170411-BLK1	B170411-BLK1	Di-N-Octylphthalate		U		Y	0.18	0.34	4
B170411-BLK1	B170411-BLK1	Fluoranthene		U		Y	0.056	0.17	4
B170411-BLK1	B170411-BLK1	Fluorene		U		Y	0.055	0.17	4
B170411-BLK1	B170411-BLK1	Hexachlorobenzene		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	Hexachlorobutadiene		U		Y	0.06	0.34	4
B170411-BLK1	B170411-BLK1	Hexachlorocyclopentadiene		U		Y	0.072	0.34	4
B170411-BLK1	B170411-BLK1	Hexachloroethane		U		Y	0.068	0.34	4
B170411-BLK1	B170411-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.12	0.17	4
B170411-BLK1	B170411-BLK1	Isophorone		U		Y	0.066	0.34	4
B170411-BLK1	B170411-BLK1	Naphthalene		U		Y	0.087	0.17	4
B170411-BLK1	B170411-BLK1	Naphthalene-D8	1.3			Y			4
B170411-BLK1	B170411-BLK1	Nitrobenzene		U		Y	0.064	0.34	4
B170411-BLK1	B170411-BLK1	Nitrobenzene-D5	73.2			Y		0.34	4
B170411-BLK1	B170411-BLK1	N-Nitrosodimethylamine		U		Y	0.22	0.34	4
B170411-BLK1	B170411-BLK1	N-Nitrosodi-N-Propylamine		U		Y	0.07	0.34	4
B170411-BLK1	B170411-BLK1	N-Nitrosodiphenylamine		U		Y	0.07	0.34	4
B170411-BLK1	B170411-BLK1	Pentachloronitrobenzene		U		Y	0.081	0.34	4
B170411-BLK1	B170411-BLK1	Pentachlorophenol		U		Y	0.082	0.34	4
B170411-BLK1	B170411-BLK1	Perylene-D12	1.3			Y			4
B170411-BLK1	B170411-BLK1	Phenanthrene		U		Y	0.088	0.17	4
B170411-BLK1	B170411-BLK1	Phenanthrene-D10	1.3			Y			4
B170411-BLK1	B170411-BLK1	Phenol		U		Y	0.058	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170411-BLK1	B170411-BLK1	Phenol-D6	75.2			Y		0.34	4
B170411-BLK1	B170411-BLK1	Pyrene		U		Y	0.056	0.17	4
B170411-BLK1	B170411-BLK1	Pyridine		U		Y	0.055	0.34	4
B170411-BLK1	B170411-BLK1	Terphenyl-D14	88.9			Y		0.34	4
B170411-BS1	B170411-BS1	1,2,4,5-Tetrachlorobenzene	1.38			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	1,2,4-Trichlorobenzene	1.14			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	1,2-Dichlorobenzene	1.09			Y	0.06	0.34	4
B170411-BS1	B170411-BS1	1,2-Diphenylhydrazine	1.41			Y	0.055	0.34	4
B170411-BS1	B170411-BS1	1,3-Dichlorobenzene	1.07			Y	0.058	0.34	4
B170411-BS1	B170411-BS1	1,4-Dichlorobenzene	1.07			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170411-BS1	B170411-BS1	1-Methylnaphthalene	1.16			Y	0.065	0.17	4
B170411-BS1	B170411-BS1	2,4,5-Trichlorophenol	1.41			Y	0.077	0.34	4
B170411-BS1	B170411-BS1	2,4,6-Tribromophenol	97.1			Y		0.34	4
B170411-BS1	B170411-BS1	2,4,6-Trichlorophenol	1.44			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	2,4-Dichlorophenol	1.21			Y	0.058	0.34	4
B170411-BS1	B170411-BS1	2,4-Dimethylphenol	1.19			Y	0.063	0.34	4
B170411-BS1	B170411-BS1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170411-BS1	B170411-BS1	2,4-Dinitrotoluene	1.51			Y	0.055	0.34	4
B170411-BS1	B170411-BS1	2,6-Dinitrotoluene	1.56			Y	0.06	0.34	4
B170411-BS1	B170411-BS1	2-Chloronaphthalene	1.28			Y	0.064	0.34	4
B170411-BS1	B170411-BS1	2-Chlorophenol	1.13			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	2-Fluorobiphenyl	91.2			Y		0.34	4
B170411-BS1	B170411-BS1	2-Fluorophenol	74.8			Y		0.34	4
B170411-BS1	B170411-BS1	2-Methylnaphthalene	1.27			Y	0.059	0.17	4
B170411-BS1	B170411-BS1	2-Methylphenol (O-Cresol)	1.18			Y	0.085	0.34	4
B170411-BS1	B170411-BS1	2-Nitroaniline	1.44			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	2-Nitrophenol	1.13			Y	0.09	0.34	4
B170411-BS1	B170411-BS1	3- And 4- Methylphenol (Total)	1.23			Y	0.11	0.34	4
B170411-BS1	B170411-BS1	3,3'-Dichlorobenzidine	1.36			Y	0.052	0.17	4
B170411-BS1	B170411-BS1	3-Nitroaniline	1.46			Y	0.049	0.34	4
B170411-BS1	B170411-BS1	4,6-Dinitro-2-Methylphenol	1.04			Y	0.32	0.34	4
B170411-BS1	B170411-BS1	4-Bromophenyl Phenyl Ether	1.3			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	4-Chloro-3-Methylphenol	1.22			Y	0.073	0.66	4
B170411-BS1	B170411-BS1	4-Chloroaniline	1.06			Y	0.078	0.66	4
B170411-BS1	B170411-BS1	4-Chlorophenyl Phenyl Ether	1.48			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	4-Nitroaniline	1.6			Y	0.057	0.34	4
B170411-BS1	B170411-BS1	4-Nitrophenol	1.35			Y	0.074	0.66	4
B170411-BS1	B170411-BS1	Acenaphthene	1.31			Y	0.051	0.17	4
B170411-BS1	B170411-BS1	Acenaphthene-D10	1.33			Y			4
B170411-BS1	B170411-BS1	Acenaphthylene	1.38			Y	0.057	0.17	4
B170411-BS1	B170411-BS1	Acetophenone	1.17			Y	0.067	0.34	4
B170411-BS1	B170411-BS1	Aniline	1.02			Y	0.096	0.34	4
B170411-BS1	B170411-BS1	Anthracene	1.31			Y	0.049	0.17	4
B170411-BS1	B170411-BS1	Benzidine	1.21		J	Y	0.42	0.66	4
B170411-BS1	B170411-BS1	Benzo(A)Anthracene	1.35			Y	0.045	0.17	4
B170411-BS1	B170411-BS1	Benzo(A)Pyrene	1.24			Y	0.053	0.17	4
B170411-BS1	B170411-BS1	Benzo(B)Fluoranthene	1.25			Y	0.048	0.17	4
B170411-BS1	B170411-BS1	Benzo(G,H,I)Perylene	1.37			Y	0.075	0.17	4
B170411-BS1	B170411-BS1	Benzo(K)Fluoranthene	1.27			Y	0.053	0.17	4
B170411-BS1	B170411-BS1	Benzoic Acid		U		Y	0.18	1	4
B170411-BS1	B170411-BS1	Benzyl Butyl Phthalate	1.47			Y	0.081	0.34	4
B170411-BS1	B170411-BS1	Bis(2-Chloroethoxy) Methane	1.28			Y	0.065	0.34	4
B170411-BS1	B170411-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.21			Y	0.067	0.34	4
B170411-BS1	B170411-BS1	Bis(2-Chloroisopropyl) Ether	1.18			Y	0.073	0.34	4
B170411-BS1	B170411-BS1	Bis(2-Ethylhexyl) Phthalate	1.51			Y	0.13	0.34	4
B170411-BS1	B170411-BS1	Carbazole	1.31			Y	0.044	0.17	4
B170411-BS1	B170411-BS1	Chrysene	1.3			Y	0.053	0.17	4
B170411-BS1	B170411-BS1	Chrysene-D12	1.33			Y			4
B170411-BS1	B170411-BS1	Dibenz(A,H)Anthracene	1.38			Y	0.1	0.17	4
B170411-BS1	B170411-BS1	Dibenzofuran	1.47			Y	0.059	0.34	4
B170411-BS1	B170411-BS1	Diethyl Phthalate	1.52			Y	0.061	0.34	4
B170411-BS1	B170411-BS1	Dimethyl Phthalate	1.5			Y	0.06	0.34	4
B170411-BS1	B170411-BS1	Di-N-Butyl Phthalate	1.43			Y	0.074	0.34	4
B170411-BS1	B170411-BS1	Di-N-Octylphthalate	1.36			Y	0.18	0.34	4
B170411-BS1	B170411-BS1	Fluoranthene	1.31			Y	0.056	0.17	4
B170411-BS1	B170411-BS1	Fluorene	1.42			Y	0.055	0.17	4
B170411-BS1	B170411-BS1	Hexachlorobenzene	1.3			Y	0.06	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170411-BS1	B170411-BS1	Hexachlorobutadiene	1.15			Y	0.06	0.34	4
B170411-BS1	B170411-BS1	Hexachlorocyclopentadiene	1.12			Y	0.072	0.34	4
B170411-BS1	B170411-BS1	Hexachloroethane	1.06			Y	0.068	0.34	4
B170411-BS1	B170411-BS1	Indeno(1,2,3-C,D)Pyrene	1.36			Y	0.12	0.17	4
B170411-BS1	B170411-BS1	Isophorone	1.25			Y	0.066	0.34	4
B170411-BS1	B170411-BS1	Naphthalene	1.15			Y	0.087	0.17	4
B170411-BS1	B170411-BS1	Naphthalene-D8	1.33			Y			4
B170411-BS1	B170411-BS1	Nitrobenzene	1.16			Y	0.064	0.34	4
B170411-BS1	B170411-BS1	Nitrobenzene-D5	73.4			Y		0.34	4
B170411-BS1	B170411-BS1	N-Nitrosodimethylamine	1.13			Y	0.22	0.34	4
B170411-BS1	B170411-BS1	N-Nitrosodi-N-Propylamine	1.19			Y	0.07	0.34	4
B170411-BS1	B170411-BS1	N-Nitrosodiphenylamine	1.81			Y	0.07	0.34	4
B170411-BS1	B170411-BS1	Pentachloronitrobenzene	1.28			Y	0.081	0.34	4
B170411-BS1	B170411-BS1	Pentachlorophenol	0.854			Y	0.082	0.34	4
B170411-BS1	B170411-BS1	Perylene-D12	1.33			Y			4
B170411-BS1	B170411-BS1	Phenanthrene	1.32			Y	0.088	0.17	4
B170411-BS1	B170411-BS1	Phenanthrene-D10	1.33			Y			4
B170411-BS1	B170411-BS1	Phenol	1.15			Y	0.058	0.34	4
B170411-BS1	B170411-BS1	Phenol-D6	77.5			Y		0.34	4
B170411-BS1	B170411-BS1	Pyrene	1.36			Y	0.056	0.17	4
B170411-BS1	B170411-BS1	Pyridine	1.01			Y	0.055	0.34	4
B170411-BS1	B170411-BS1	Terphenyl-D14	94.3			Y		0.34	4
B170411-BSD1	B170411-BSD1	1,2,4,5-Tetrachlorobenzene	1.39			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	1,2,4-Trichlorobenzene	1.22			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	1,2-Dichlorobenzene	1.15			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	1,2-Diphenylhydrazine	1.4			Y	0.055	0.34	4
B170411-BSD1	B170411-BSD1	1,3-Dichlorobenzene	1.13			Y	0.058	0.34	4
B170411-BSD1	B170411-BSD1	1,4-Dichlorobenzene	1.13			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170411-BSD1	B170411-BSD1	1-Methylnaphthalene	1.18			Y	0.065	0.17	4
B170411-BSD1	B170411-BSD1	2,4,5-Trichlorophenol	1.35			Y	0.077	0.34	4
B170411-BSD1	B170411-BSD1	2,4,6-Tribromophenol	92.8			Y		0.34	4
B170411-BSD1	B170411-BSD1	2,4,6-Trichlorophenol	1.41			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	2,4-Dichlorophenol	1.22			Y	0.058	0.34	4
B170411-BSD1	B170411-BSD1	2,4-Dimethylphenol	1.19			Y	0.063	0.34	4
B170411-BSD1	B170411-BSD1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170411-BSD1	B170411-BSD1	2,4-Dinitrotoluene	1.45			Y	0.055	0.34	4
B170411-BSD1	B170411-BSD1	2,6-Dinitrotoluene	1.51			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	2-Chloronaphthalene	1.28			Y	0.064	0.34	4
B170411-BSD1	B170411-BSD1	2-Chlorophenol	1.17			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	2-Fluorobiphenyl	90.6			Y		0.34	4
B170411-BSD1	B170411-BSD1	2-Fluorophenol	76.5			Y		0.34	4
B170411-BSD1	B170411-BSD1	2-Methylnaphthalene	1.32			Y	0.059	0.17	4
B170411-BSD1	B170411-BSD1	2-Methylphenol (O-Cresol)	1.18			Y	0.085	0.34	4
B170411-BSD1	B170411-BSD1	2-Nitroaniline	1.38			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	2-Nitrophenol	1.2			Y	0.09	0.34	4
B170411-BSD1	B170411-BSD1	3- And 4- Methylphenol (Total)	1.19			Y	0.11	0.34	4
B170411-BSD1	B170411-BSD1	3,3'-Dichlorobenzidine	0.95			Y	0.052	0.17	4
B170411-BSD1	B170411-BSD1	3-Nitroaniline	1.24			Y	0.049	0.34	4
B170411-BSD1	B170411-BSD1	4,6-Dinitro-2-Methylphenol	1.03			Y	0.32	0.34	4
B170411-BSD1	B170411-BSD1	4-Bromophenyl Phenyl Ether	1.35			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	4-Chloro-3-Methylphenol	1.22			Y	0.073	0.66	4
B170411-BSD1	B170411-BSD1	4-Chloroaniline	0.748			Y	0.078	0.66	4
B170411-BSD1	B170411-BSD1	4-Chlorophenyl Phenyl Ether	1.47			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	4-Nitroaniline	1.47			Y	0.057	0.34	4
B170411-BSD1	B170411-BSD1	4-Nitrophenol	1.38			Y	0.074	0.66	4
B170411-BSD1	B170411-BSD1	Acenaphthene	1.31			Y	0.051	0.17	4
B170411-BSD1	B170411-BSD1	Acenaphthene-D10	1.33			Y			4
B170411-BSD1	B170411-BSD1	Acenaphthylene	1.37			Y	0.057	0.17	4
B170411-BSD1	B170411-BSD1	Acetophenone	1.17			Y	0.067	0.34	4
B170411-BSD1	B170411-BSD1	Aniline	0.645			Y	0.096	0.34	4
B170411-BSD1	B170411-BSD1	Anthracene	1.29			Y	0.049	0.17	4
B170411-BSD1	B170411-BSD1	Benzidine	0.742		J	Y	0.42	0.66	4
B170411-BSD1	B170411-BSD1	Benzo(A)Anthracene	1.31			Y	0.045	0.17	4
B170411-BSD1	B170411-BSD1	Benzo(A)Pyrene	1.25			Y	0.053	0.17	4
B170411-BSD1	B170411-BSD1	Benzo(B)Fluoranthene	1.23			Y	0.048	0.17	4
B170411-BSD1	B170411-BSD1	Benzo(G,H,I)Perylene	1.39			Y	0.075	0.17	4
B170411-BSD1	B170411-BSD1	Benzo(K)Fluoranthene	1.26			Y	0.053	0.17	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170411-BSD1	B170411-BSD1	Benzoic Acid		U		Y	0.18	1	4
B170411-BSD1	B170411-BSD1	Benzyl Butyl Phthalate	1.4			Y	0.081	0.34	4
B170411-BSD1	B170411-BSD1	Bis(2-Chloroethoxy) Methane	1.33			Y	0.065	0.34	4
B170411-BSD1	B170411-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.39			Y	0.067	0.34	4
B170411-BSD1	B170411-BSD1	Bis(2-Chloroisopropyl) Ether	1.23			Y	0.073	0.34	4
B170411-BSD1	B170411-BSD1	Bis(2-Ethylhexyl) Phthalate	1.44			Y	0.13	0.34	4
B170411-BSD1	B170411-BSD1	Carbazole	1.25			Y	0.044	0.17	4
B170411-BSD1	B170411-BSD1	Chrysene	1.25			Y	0.053	0.17	4
B170411-BSD1	B170411-BSD1	Chrysene-D12	1.33			Y			4
B170411-BSD1	B170411-BSD1	Dibenz(A,H)Anthracene	1.38			Y	0.1	0.17	4
B170411-BSD1	B170411-BSD1	Dibenzofuran	1.46			Y	0.059	0.34	4
B170411-BSD1	B170411-BSD1	Diethyl Phthalate	1.48			Y	0.061	0.34	4
B170411-BSD1	B170411-BSD1	Dimethyl Phthalate	1.46			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	Di-N-Butyl Phthalate	1.37			Y	0.074	0.34	4
B170411-BSD1	B170411-BSD1	Di-N-Octylphthalate	1.3			Y	0.18	0.34	4
B170411-BSD1	B170411-BSD1	Fluoranthene	1.28			Y	0.056	0.17	4
B170411-BSD1	B170411-BSD1	Fluorene	1.39			Y	0.055	0.17	4
B170411-BSD1	B170411-BSD1	Hexachlorobenzene	1.25			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	Hexachlorobutadiene	1.25			Y	0.06	0.34	4
B170411-BSD1	B170411-BSD1	Hexachlorocyclopentadiene	1.16			Y	0.072	0.34	4
B170411-BSD1	B170411-BSD1	Hexachloroethane	1.12			Y	0.068	0.34	4
B170411-BSD1	B170411-BSD1	Indeno(1,2,3-C,D)Pyrene	1.37			Y	0.12	0.17	4
B170411-BSD1	B170411-BSD1	Isophorone	1.28			Y	0.066	0.34	4
B170411-BSD1	B170411-BSD1	Naphthalene	1.22			Y	0.087	0.17	4
B170411-BSD1	B170411-BSD1	Naphthalene-D8	1.33			Y			4
B170411-BSD1	B170411-BSD1	Nitrobenzene	1.23			Y	0.064	0.34	4
B170411-BSD1	B170411-BSD1	Nitrobenzene-D5	77.3			Y		0.34	4
B170411-BSD1	B170411-BSD1	N-Nitrosodimethylamine	1.14			Y	0.22	0.34	4
B170411-BSD1	B170411-BSD1	N-Nitrosodi-N-Propylamine	1.2			Y	0.07	0.34	4
B170411-BSD1	B170411-BSD1	N-Nitrosodiphenylamine	1.76			Y	0.07	0.34	4
B170411-BSD1	B170411-BSD1	Pentachloronitrobenzene	1.29			Y	0.081	0.34	4
B170411-BSD1	B170411-BSD1	Pentachlorophenol	0.824			Y	0.082	0.34	4
B170411-BSD1	B170411-BSD1	Perylene-D12	1.33			Y			4
B170411-BSD1	B170411-BSD1	Phenanthrene	1.28			Y	0.088	0.17	4
B170411-BSD1	B170411-BSD1	Phenanthrene-D10	1.33			Y			4
B170411-BSD1	B170411-BSD1	Phenol	1.14			Y	0.058	0.34	4
B170411-BSD1	B170411-BSD1	Phenol-D6	77.1			Y		0.34	4
B170411-BSD1	B170411-BSD1	Pyrene	1.27			Y	0.056	0.17	4
B170411-BSD1	B170411-BSD1	Pyridine	1.04			Y	0.055	0.34	4
B170411-BSD1	B170411-BSD1	Terphenyl-D14	87.2			Y		0.34	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,2,4,5-Tetrachlorobenzene	1.44			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,2,4-Trichlorobenzene	1.31			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,2-Dichlorobenzene	1.22			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,2-Diphenylhydrazine	1.44			Y	0.069	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,3-Dichlorobenzene	1.22			Y	0.073	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,4-Dichlorobenzene	1.22			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	1,4-Dichlorobenzene-D4	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	1-Methylnaphthalene	1.5			Y	0.082	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4,5-Trichlorophenol		U	UJ	Y	0.097	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4,6-Tribromophenol	7.59			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4,6-Trichlorophenol		U	UJ	Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4-Dichlorophenol	0.873			Y	0.073	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4-Dimethylphenol	1.34			Y	0.079	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4-Dinitrophenol		U	UJ	Y	0.24	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,4-Dinitrotoluene	1.04			Y	0.069	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2,6-Dinitrotoluene	1.18			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Chloronaphthalene	1.36			Y	0.08	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Chlorophenol	0.945			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Fluorobiphenyl	73.5			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Fluorophenol	33.9			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Methylnaphthalene	1.75			Y	0.074	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Methylphenol (O-Cresol)	1.26			Y	0.11	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Nitroaniline	1.51			Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	2-Nitrophenol		U	UJ	Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	3- And 4- Methylphenol (Total)	1.32			Y	0.14	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	3,3'-Dichlorobenzidine	1.26			Y	0.065	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	3-Nitroaniline	0.996			Y	0.062	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4,6-Dinitro-2-Methylphenol		U	UJ	Y		0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Bromophenyl Phenyl Ether	1.42			Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Chloro-3-Methylphenol	1.24			Y	0.092	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Chloroaniline	1.09			Y	0.098	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Chlorophenyl Phenyl Ether	1.6			Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Nitroaniline	1.48			Y	0.072	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	4-Nitrophenol		U	UJ	Y	0.093	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Acenaphthene	1.53			Y	0.064	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Acenaphthene-D10	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Acenaphthylene	1.42			Y	0.072	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Acetophenone	1.38			Y	0.084	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Aniline	1.21			Y	0.12	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Anthracene	1.62			Y	0.062	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzidine	0.851		J	Y	0.53	0.83	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(A)Anthracene	2.04			Y	0.057	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(A)Pyrene	1.82			Y	0.067	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(B)Fluoranthene	2.25			Y	0.06	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(G,H,I)Perylene	1.32			Y	0.094	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzo(K)Fluoranthene	1.84			Y	0.067	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzoic Acid		U	UJ	Y		1.3	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Benzyl Butyl Phthalate	1.43			Y	0.1	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Bis(2-Chloroethoxy) Methane	1.41			Y	0.082	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.3			Y	0.084	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Bis(2-Chloroisopropyl) Ether	1.34			Y	0.092	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Bis(2-Ethylhexyl) Phthalate	1.45			Y	0.17	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Carbazole	1.53			Y	0.055	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Chrysene	2.1			Y	0.067	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Chrysene-D12	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Dibenz(A,H)Anthracene	1.11			Y	0.13	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Dibenzofuran	1.69			Y	0.074	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Diethyl Phthalate	1.59			Y	0.077	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Dimethyl Phthalate	1.51			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Di-N-Butyl Phthalate	1.53			Y	0.093	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Di-N-Octylphthalate	1.88			Y	0.22	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Fluoranthene	3.28			Y	0.07	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Fluorene	1.77			Y	0.069	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Hexachlorobenzene	1.34			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Hexachlorobutadiene	1.29			Y	0.075	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Hexachlorocyclopentadiene		U	UJ	Y	0.09	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Hexachloroethane	1.32			Y	0.085	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Indeno(1,2,3-C,D)Pyrene	1.35			Y	0.15	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Isophorone	1.35			Y	0.083	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Naphthalene	1.53			Y	0.11	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Naphthalene-D8	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Nitrobenzene	0.995			Y	0.08	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Nitrobenzene-D5	44.1			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	N-Nitrosodimethylamine	1.23			Y	0.27	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	N-Nitrosodi-N-Propylamine	1.36			Y	0.088	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	N-Nitrosodiphenylamine	2.05			Y	0.088	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Pentachloronitrobenzene	1.15			Y	0.1	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Pentachlorophenol		U	UJ	Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Perylene-D12	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Phenanthrene	2.74		J	Y	0.11	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Phenanthrene-D10	1.68			Y			4
LB-12-COMP 2-4-9MS1	B170411-MS1	Phenol	1.33			Y	0.073	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Phenol-D6	61.8			Y		0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Pyrene	2.57			Y	0.07	0.21	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Pyridine	1.12			Y	0.069	0.43	4
LB-12-COMP 2-4-9MS1	B170411-MS1	Terphenyl-D14	75.4			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,2,4,5-Tetrachlorobenzene	1.35			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,2,4-Trichlorobenzene	1.18			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,2-Dichlorobenzene	1.11			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,2-Diphenylhydrazine	1.27			Y	0.069	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,3-Dichlorobenzene	1.09			Y	0.073	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,4-Dichlorobenzene	1.08			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1,4-Dichlorobenzene-D4	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	1-Methylnaphthalene	1.39			Y	0.082	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4,5-Trichlorophenol		U	UJ	Y	0.097	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4,6-Tribromophenol	8.23			Y		0.43	4

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LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4,6-Trichlorophenol		U	UJ	Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4-Dichlorophenol	0.854			Y	0.073	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4-Dimethylphenol	1.25			Y	0.079	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4-Dinitrophenol		U	UJ	Y	0.24	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,4-Dinitrotoluene	0.89			Y	0.069	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2,6-Dinitrotoluene	1.01			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Chloronaphthalene	1.19			Y	0.08	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Chlorophenol	0.926			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Fluorobiphenyl	66.8			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Fluorophenol	37.5			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Methylnaphthalene	1.74			Y	0.074	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Methylphenol (O-Cresol)	1.14			Y	0.11	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Nitroaniline	1.47			Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	2-Nitrophenol		U	UJ	Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	3- And 4- Methylphenol (Total)	1.18			Y	0.14	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	3,3'-Dichlorobenzidine	1.17			Y	0.065	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	3-Nitroaniline	0.933			Y	0.062	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4,6-Dinitro-2-Methylphenol		U	UJ	Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Bromophenyl Phenyl Ether	1.24			Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Chloro-3-Methylphenol	1.1			Y	0.092	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Chloroaniline	0.962			Y	0.098	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Chlorophenyl Phenyl Ether	1.42			Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Nitroaniline	1.43			Y	0.072	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	4-Nitrophenol		U	UJ	Y	0.093	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Acenaphthene	1.42			Y	0.064	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Acenaphthene-D10	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Acenaphthylene	1.31			Y	0.072	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Acetophenone	1.24			Y	0.084	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Aniline	1.01			Y	0.12	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Anthracene	1.7			Y	0.062	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzidine	0.869		J	Y	0.53	0.83	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(A)Anthracene	1.83			Y	0.057	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(A)Pyrene	1.56			Y	0.067	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(B)Fluoranthene	1.79			Y	0.06	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(G,H,I)Perylene	1.7			Y	0.094	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzo(K)Fluoranthene	1.47			Y	0.067	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzoic Acid		U	UJ	Y		1.3	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Benzyl Butyl Phthalate	1.47			Y	0.1	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Bis(2-Chloroethoxy) Methane	1.25			Y	0.082	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.27			Y	0.084	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Bis(2-Chloroisopropyl) Ether	1.16			Y	0.092	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Bis(2-Ethylhexyl) Phthalate	1.26			Y	0.17	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Carbazole	1.39			Y	0.055	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Chrysene	1.76			Y	0.067	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Chrysene-D12	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Dibenz(A,H)Anthracene	1.45			Y	0.13	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Dibenzofuran	1.53			Y	0.074	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Diethyl Phthalate	1.4			Y	0.077	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Dimethyl Phthalate	1.38			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Di-N-Butyl Phthalate	1.38			Y	0.093	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Di-N-Octylphthalate	1.5			Y	0.22	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Fluoranthene	2.84			Y	0.07	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Fluorene	1.61			Y	0.069	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Hexachlorobenzene	1.17			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Hexachlorobutadiene	1.2			Y	0.075	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Hexachlorocyclopentadiene		U	UJ	Y	0.09	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Hexachloroethane	1.17			Y	0.085	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Indeno(1,2,3-C,D)Pyrene	1.81			Y	0.15	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Isophorone	1.25			Y	0.083	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Naphthalene	1.39			Y	0.11	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Naphthalene-D8	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Nitrobenzene	0.919			Y	0.08	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Nitrobenzene-D5	40.2			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	N-Nitrosodimethylamine	1.05			Y	0.27	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	N-Nitrosodi-N-Propylamine	1.18			Y	0.088	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	N-Nitrosodiphenylamine	1.7			Y	0.088	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Pentachloronitrobenzene	1.04			Y	0.1	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Pentachlorophenol		U	UJ	Y		0.43	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-12-COMP 2-4-9MSD	B170411-MSD1	Perylene-D12	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Phenanthrene	2.54		J	Y	0.11	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Phenanthrene-D10	1.68			Y			4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Phenol	1.1			Y	0.073	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Phenol-D6	56.1			Y		0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Pyrene	2.8			Y	0.07	0.21	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Pyridine	0.937			Y	0.069	0.43	4
LB-12-COMP 2-4-9MSD	B170411-MSD1	Terphenyl-D14	81.5			Y		0.43	4
B170675-BLK1	B170675-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	1,2,4-Trichlorobenzene		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	1,2-Dichlorobenzene		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	1,2-Diphenylhydrazine		U		Y	0.055	0.34	4
B170675-BLK1	B170675-BLK1	1,3-Dichlorobenzene		U		Y	0.058	0.34	4
B170675-BLK1	B170675-BLK1	1,4-Dichlorobenzene		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	1,4-Dichlorobenzene-D4	1.3			Y			4
B170675-BLK1	B170675-BLK1	1-Methylnaphthalene		U		Y	0.065	0.17	4
B170675-BLK1	B170675-BLK1	2,4,5-Trichlorophenol		U		Y	0.077	0.34	4
B170675-BLK1	B170675-BLK1	2,4,6-Tribromophenol	90.2			Y		0.34	4
B170675-BLK1	B170675-BLK1	2,4,6-Trichlorophenol		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	2,4-Dichlorophenol		U		Y	0.058	0.34	4
B170675-BLK1	B170675-BLK1	2,4-Dimethylphenol		U		Y	0.063	0.34	4
B170675-BLK1	B170675-BLK1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170675-BLK1	B170675-BLK1	2,4-Dinitrotoluene		U		Y	0.055	0.34	4
B170675-BLK1	B170675-BLK1	2,6-Dinitrotoluene		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	2-Chloronaphthalene		U		Y	0.064	0.34	4
B170675-BLK1	B170675-BLK1	2-Chlorophenol		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	2-Fluorobiphenyl	91			Y		0.34	4
B170675-BLK1	B170675-BLK1	2-Fluorophenol	74.2			Y		0.34	4
B170675-BLK1	B170675-BLK1	2-Methylnaphthalene		U		Y	0.059	0.17	4
B170675-BLK1	B170675-BLK1	2-Methylphenol (O-Cresol)		U		Y	0.085	0.34	4
B170675-BLK1	B170675-BLK1	2-Nitroaniline		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	2-Nitrophenol		U		Y	0.09	0.34	4
B170675-BLK1	B170675-BLK1	3- And 4- Methylphenol (Total)		U		Y	0.11	0.34	4
B170675-BLK1	B170675-BLK1	3,3'-Dichlorobenzidine		U		Y	0.052	0.17	4
B170675-BLK1	B170675-BLK1	3-Nitroaniline		U		Y	0.049	0.34	4
B170675-BLK1	B170675-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	0.32	0.34	4
B170675-BLK1	B170675-BLK1	4-Bromophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	4-Chloro-3-Methylphenol		U		Y	0.073	0.66	4
B170675-BLK1	B170675-BLK1	4-Chloroaniline		U		Y	0.078	0.66	4
B170675-BLK1	B170675-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	4-Nitroaniline		U		Y	0.057	0.34	4
B170675-BLK1	B170675-BLK1	4-Nitrophenol		U		Y	0.074	0.66	4
B170675-BLK1	B170675-BLK1	Acenaphthene		U		Y	0.051	0.17	4
B170675-BLK1	B170675-BLK1	Acenaphthene-D10	1.3			Y			4
B170675-BLK1	B170675-BLK1	Acenaphthylene		U		Y	0.057	0.17	4
B170675-BLK1	B170675-BLK1	Acetophenone		U		Y	0.067	0.34	4
B170675-BLK1	B170675-BLK1	Aniline		U		Y	0.096	0.34	4
B170675-BLK1	B170675-BLK1	Anthracene		U		Y	0.049	0.17	4
B170675-BLK1	B170675-BLK1	Benzidine		U	UJ	Y	0.42	0.66	4
B170675-BLK1	B170675-BLK1	Benzo(A)Anthracene		U		Y	0.045	0.17	4
B170675-BLK1	B170675-BLK1	Benzo(A)Pyrene		U		Y	0.053	0.17	4
B170675-BLK1	B170675-BLK1	Benzo(B)Fluoranthene		U		Y	0.048	0.17	4
B170675-BLK1	B170675-BLK1	Benzo(G,H,I)Perylene		U		Y	0.075	0.17	4
B170675-BLK1	B170675-BLK1	Benzo(K)Fluoranthene		U		Y	0.053	0.17	4
B170675-BLK1	B170675-BLK1	Benzoic Acid		U		Y	0.18	1	4
B170675-BLK1	B170675-BLK1	Benzyl Butyl Phthalate		U		Y	0.081	0.34	4
B170675-BLK1	B170675-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	0.065	0.34	4
B170675-BLK1	B170675-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	0.067	0.34	4
B170675-BLK1	B170675-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	0.073	0.34	4
B170675-BLK1	B170675-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	0.13	0.34	4
B170675-BLK1	B170675-BLK1	Carbazole		U		Y	0.044	0.17	4
B170675-BLK1	B170675-BLK1	Chrysene		U		Y	0.053	0.17	4
B170675-BLK1	B170675-BLK1	Chrysene-D12	1.3			Y			4
B170675-BLK1	B170675-BLK1	Dibenz(A,H)Anthracene		U		Y	0.1	0.17	4
B170675-BLK1	B170675-BLK1	Dibenzofuran		U		Y	0.059	0.34	4
B170675-BLK1	B170675-BLK1	Diethyl Phthalate		U		Y	0.061	0.34	4
B170675-BLK1	B170675-BLK1	Dimethyl Phthalate		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	Di-N-Butyl Phthalate		U		Y	0.074	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170675-BLK1	B170675-BLK1	Di-N-Octylphthalate		U		Y	0.18	0.34	4
B170675-BLK1	B170675-BLK1	Fluoranthene		U		Y	0.056	0.17	4
B170675-BLK1	B170675-BLK1	Fluorene		U		Y	0.055	0.17	4
B170675-BLK1	B170675-BLK1	Hexachlorobenzene		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	Hexachlorobutadiene		U		Y	0.06	0.34	4
B170675-BLK1	B170675-BLK1	Hexachlorocyclopentadiene		U		Y	0.072	0.34	4
B170675-BLK1	B170675-BLK1	Hexachloroethane		U		Y	0.068	0.34	4
B170675-BLK1	B170675-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	0.12	0.17	4
B170675-BLK1	B170675-BLK1	Isophorone		U		Y	0.066	0.34	4
B170675-BLK1	B170675-BLK1	Naphthalene		U		Y	0.087	0.17	4
B170675-BLK1	B170675-BLK1	Naphthalene-D8	1.3			Y			4
B170675-BLK1	B170675-BLK1	Nitrobenzene		U		Y	0.064	0.34	4
B170675-BLK1	B170675-BLK1	Nitrobenzene-D5	74.5			Y		0.34	4
B170675-BLK1	B170675-BLK1	N-Nitrosodimethylamine		U		Y	0.22	0.34	4
B170675-BLK1	B170675-BLK1	N-Nitrosodi-N-Propylamine		U		Y	0.07	0.34	4
B170675-BLK1	B170675-BLK1	N-Nitrosodiphenylamine		U		Y	0.07	0.34	4
B170675-BLK1	B170675-BLK1	Pentachloronitrobenzene		U		Y	0.081	0.34	4
B170675-BLK1	B170675-BLK1	Pentachlorophenol		U		Y	0.082	0.34	4
B170675-BLK1	B170675-BLK1	Perylene-D12	1.3			Y			4
B170675-BLK1	B170675-BLK1	Phenanthrene		U		Y	0.088	0.17	4
B170675-BLK1	B170675-BLK1	Phenanthrene-D10	1.3			Y			4
B170675-BLK1	B170675-BLK1	Phenol		U		Y	0.058	0.34	4
B170675-BLK1	B170675-BLK1	Phenol-D6	76.7			Y		0.34	4
B170675-BLK1	B170675-BLK1	Pyrene		U		Y	0.056	0.17	4
B170675-BLK1	B170675-BLK1	Pyridine		U		Y	0.055	0.34	4
B170675-BLK1	B170675-BLK1	Terphenyl-D14	91.9			Y		0.34	4
B170675-BS1	B170675-BS1	1,2,4,5-Tetrachlorobenzene	1.31			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	1,2,4-Trichlorobenzene	1.13			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	1,2-Dichlorobenzene	1.05			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	1,2-Diphenylhydrazine	1.29			Y	0.055	0.34	4
B170675-BS1	B170675-BS1	1,3-Dichlorobenzene	1.01			Y	0.058	0.34	4
B170675-BS1	B170675-BS1	1,4-Dichlorobenzene	1.02			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170675-BS1	B170675-BS1	1-Methylnaphthalene	1.11			Y	0.065	0.17	4
B170675-BS1	B170675-BS1	2,4,5-Trichlorophenol	1.28			Y	0.077	0.34	4
B170675-BS1	B170675-BS1	2,4,6-Tribromophenol	91.3			Y		0.34	4
B170675-BS1	B170675-BS1	2,4,6-Trichlorophenol	1.35			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	2,4-Dichlorophenol	1.15			Y	0.058	0.34	4
B170675-BS1	B170675-BS1	2,4-Dimethylphenol	1.22			Y	0.063	0.34	4
B170675-BS1	B170675-BS1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170675-BS1	B170675-BS1	2,4-Dinitrotoluene	1.39			Y	0.055	0.34	4
B170675-BS1	B170675-BS1	2,6-Dinitrotoluene	1.43			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	2-Chloronaphthalene	1.15			Y	0.064	0.34	4
B170675-BS1	B170675-BS1	2-Chlorophenol	1.14			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	2-Fluorobiphenyl	86.5			Y		0.34	4
B170675-BS1	B170675-BS1	2-Fluorophenol	74			Y		0.34	4
B170675-BS1	B170675-BS1	2-Methylnaphthalene	1.21			Y	0.059	0.17	4
B170675-BS1	B170675-BS1	2-Methylphenol (O-Cresol)	1.11			Y	0.085	0.34	4
B170675-BS1	B170675-BS1	2-Nitroaniline	1.36			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	2-Nitrophenol	1.11			Y	0.09	0.34	4
B170675-BS1	B170675-BS1	3- And 4- Methylphenol (Total)	1.16			Y	0.11	0.34	4
B170675-BS1	B170675-BS1	3,3'-Dichlorobenzidine	0.923			Y	0.052	0.17	4
B170675-BS1	B170675-BS1	3-Nitroaniline	1.29			Y	0.049	0.34	4
B170675-BS1	B170675-BS1	4,6-Dinitro-2-Methylphenol	0.688			Y	0.32	0.34	4
B170675-BS1	B170675-BS1	4-Bromophenyl Phenyl Ether	1.23			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	4-Chloro-3-Methylphenol	1.19			Y	0.073	0.66	4
B170675-BS1	B170675-BS1	4-Chloroaniline	0.768			Y	0.078	0.66	4
B170675-BS1	B170675-BS1	4-Chlorophenyl Phenyl Ether	1.37			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	4-Nitroaniline	1.44			Y	0.057	0.34	4
B170675-BS1	B170675-BS1	4-Nitrophenol	1.34			Y	0.074	0.66	4
B170675-BS1	B170675-BS1	Acenaphthene	1.24			Y	0.051	0.17	4
B170675-BS1	B170675-BS1	Acenaphthene-D10	1.33			Y			4
B170675-BS1	B170675-BS1	Acenaphthylene	1.3			Y	0.057	0.17	4
B170675-BS1	B170675-BS1	Acetophenone	1.13			Y	0.067	0.34	4
B170675-BS1	B170675-BS1	Aniline	0.602			Y	0.096	0.34	4
B170675-BS1	B170675-BS1	Anthracene	1.22			Y	0.049	0.17	4
B170675-BS1	B170675-BS1	Benzidine	0.693		J	Y	0.42	0.66	4
B170675-BS1	B170675-BS1	Benzo(A)Anthracene	1.27			Y	0.045	0.17	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170675-BS1	B170675-BS1	Benzo(A)Pyrene	1.2			Y	0.053	0.17	4
B170675-BS1	B170675-BS1	Benzo(B)Fluoranthene	1.18			Y	0.048	0.17	4
B170675-BS1	B170675-BS1	Benzo(G,H,I)Perylene	1.08			Y	0.075	0.17	4
B170675-BS1	B170675-BS1	Benzo(K)Fluoranthene	1.16			Y	0.053	0.17	4
B170675-BS1	B170675-BS1	Benzoic Acid		U		Y	0.18	1	4
B170675-BS1	B170675-BS1	Benzyl Butyl Phthalate	1.33			Y	0.081	0.34	4
B170675-BS1	B170675-BS1	Bis(2-Chloroethoxy) Methane	1.26			Y	0.065	0.34	4
B170675-BS1	B170675-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.39			Y	0.067	0.34	4
B170675-BS1	B170675-BS1	Bis(2-Chloroisopropyl) Ether	1.17			Y	0.073	0.34	4
B170675-BS1	B170675-BS1	Bis(2-Ethylhexyl) Phthalate	1.38			Y	0.13	0.34	4
B170675-BS1	B170675-BS1	Carbazole	1.16			Y	0.044	0.17	4
B170675-BS1	B170675-BS1	Chrysene	1.19			Y	0.053	0.17	4
B170675-BS1	B170675-BS1	Chrysene-D12	1.33			Y			4
B170675-BS1	B170675-BS1	Dibenz(A,H)Anthracene	1.15			Y	0.1	0.17	4
B170675-BS1	B170675-BS1	Dibenzofuran	1.35			Y	0.059	0.34	4
B170675-BS1	B170675-BS1	Diethyl Phthalate	1.39			Y	0.061	0.34	4
B170675-BS1	B170675-BS1	Dimethyl Phthalate	1.39			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	Di-N-Butyl Phthalate	1.26			Y	0.074	0.34	4
B170675-BS1	B170675-BS1	Di-N-Octylphthalate	1.36			Y	0.18	0.34	4
B170675-BS1	B170675-BS1	Fluoranthene	1.19			Y	0.056	0.17	4
B170675-BS1	B170675-BS1	Fluorene	1.32			Y	0.055	0.17	4
B170675-BS1	B170675-BS1	Hexachlorobenzene	1.15			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	Hexachlorobutadiene	1.13			Y	0.06	0.34	4
B170675-BS1	B170675-BS1	Hexachlorocyclopentadiene	0.935			Y	0.072	0.34	4
B170675-BS1	B170675-BS1	Hexachloroethane	1			Y	0.068	0.34	4
B170675-BS1	B170675-BS1	Indeno(1,2,3-C,D)Pyrene	1.18			Y	0.12	0.17	4
B170675-BS1	B170675-BS1	Isophorone	1.22			Y	0.066	0.34	4
B170675-BS1	B170675-BS1	Naphthalene	1.12			Y	0.087	0.17	4
B170675-BS1	B170675-BS1	Naphthalene-D8	1.33			Y			4
B170675-BS1	B170675-BS1	Nitrobenzene	1.17			Y	0.064	0.34	4
B170675-BS1	B170675-BS1	Nitrobenzene-D5	73.7			Y		0.34	4
B170675-BS1	B170675-BS1	N-Nitrosodimethylamine	1.04			Y	0.22	0.34	4
B170675-BS1	B170675-BS1	N-Nitrosodi-N-Propylamine	1.18			Y	0.07	0.34	4
B170675-BS1	B170675-BS1	N-Nitrosodiphenylamine	1.64			Y	0.07	0.34	4
B170675-BS1	B170675-BS1	Pentachloronitrobenzene	1.19			Y	0.081	0.34	4
B170675-BS1	B170675-BS1	Pentachlorophenol	0.918			Y	0.082	0.34	4
B170675-BS1	B170675-BS1	Perylene-D12	1.33			Y			4
B170675-BS1	B170675-BS1	Phenanthrene	1.19			Y	0.088	0.17	4
B170675-BS1	B170675-BS1	Phenanthrene-D10	1.33			Y			4
B170675-BS1	B170675-BS1	Phenol	1.15			Y	0.058	0.34	4
B170675-BS1	B170675-BS1	Phenol-D6	74.6			Y		0.34	4
B170675-BS1	B170675-BS1	Pyrene	1.18			Y	0.056	0.17	4
B170675-BS1	B170675-BS1	Pyridine	0.787			Y	0.055	0.34	4
B170675-BS1	B170675-BS1	Terphenyl-D14	78.4			Y		0.34	4
B170675-BSD1	B170675-BSD1	1,2,4,5-Tetrachlorobenzene	1.29			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	1,2,4-Trichlorobenzene	1.14			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	1,2-Dichlorobenzene	1.06			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	1,2-Diphenylhydrazine	1.24			Y	0.055	0.34	4
B170675-BSD1	B170675-BSD1	1,3-Dichlorobenzene	1.01			Y	0.058	0.34	4
B170675-BSD1	B170675-BSD1	1,4-Dichlorobenzene	1.03			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	1,4-Dichlorobenzene-D4	1.33			Y			4
B170675-BSD1	B170675-BSD1	1-Methylnaphthalene	1.09			Y	0.065	0.17	4
B170675-BSD1	B170675-BSD1	2,4,5-Trichlorophenol	1.29			Y	0.077	0.34	4
B170675-BSD1	B170675-BSD1	2,4,6-Tribromophenol	91.5			Y		0.34	4
B170675-BSD1	B170675-BSD1	2,4,6-Trichlorophenol	1.33			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	2,4-Dichlorophenol	1.15			Y	0.058	0.34	4
B170675-BSD1	B170675-BSD1	2,4-Dimethylphenol	1.17			Y	0.063	0.34	4
B170675-BSD1	B170675-BSD1	2,4-Dinitrophenol		U		Y	0.19	0.66	4
B170675-BSD1	B170675-BSD1	2,4-Dinitrotoluene	1.35			Y	0.055	0.34	4
B170675-BSD1	B170675-BSD1	2,6-Dinitrotoluene	1.43			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	2-Chloronaphthalene	1.26			Y	0.064	0.34	4
B170675-BSD1	B170675-BSD1	2-Chlorophenol	1.15			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	2-Fluorobiphenyl	82.9			Y		0.34	4
B170675-BSD1	B170675-BSD1	2-Fluorophenol	73.2			Y		0.34	4
B170675-BSD1	B170675-BSD1	2-Methylnaphthalene	1.19			Y	0.059	0.17	4
B170675-BSD1	B170675-BSD1	2-Methylphenol (O-Cresol)	1.11			Y	0.085	0.34	4
B170675-BSD1	B170675-BSD1	2-Nitroaniline	1.35			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	2-Nitrophenol	1.09			Y	0.09	0.34	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
B170675-BSD1	B170675-BSD1	3- And 4- Methylphenol (Total)	1.19			Y	0.11	0.34	4
B170675-BSD1	B170675-BSD1	3,3'-Dichlorobenzidine	1.04			Y	0.052	0.17	4
B170675-BSD1	B170675-BSD1	3-Nitroaniline	1.3			Y	0.049	0.34	4
B170675-BSD1	B170675-BSD1	4,6-Dinitro-2-Methylphenol	0.659			Y	0.32	0.34	4
B170675-BSD1	B170675-BSD1	4-Bromophenyl Phenyl Ether	1.2			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	4-Chloro-3-Methylphenol	1.17			Y	0.073	0.66	4
B170675-BSD1	B170675-BSD1	4-Chloroaniline	0.764			Y	0.078	0.66	4
B170675-BSD1	B170675-BSD1	4-Chlorophenyl Phenyl Ether	1.35			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	4-Nitroaniline	1.46			Y	0.057	0.34	4
B170675-BSD1	B170675-BSD1	4-Nitrophenol	1.37			Y	0.074	0.66	4
B170675-BSD1	B170675-BSD1	Acenaphthene	1.22			Y	0.051	0.17	4
B170675-BSD1	B170675-BSD1	Acenaphthene-D10	1.33			Y			4
B170675-BSD1	B170675-BSD1	Acenaphthylene	1.27			Y	0.057	0.17	4
B170675-BSD1	B170675-BSD1	Acetophenone	1.12			Y	0.067	0.34	4
B170675-BSD1	B170675-BSD1	Aniline	0.644			Y	0.096	0.34	4
B170675-BSD1	B170675-BSD1	Anthracene	1.2			Y	0.049	0.17	4
B170675-BSD1	B170675-BSD1	Benzidine		U	UJ	Y	0.42	0.66	4
B170675-BSD1	B170675-BSD1	Benzo(A)Anthracene	1.26			Y	0.045	0.17	4
B170675-BSD1	B170675-BSD1	Benzo(A)Pyrene	1.17			Y	0.053	0.17	4
B170675-BSD1	B170675-BSD1	Benzo(B)Fluoranthene	1.19			Y	0.048	0.17	4
B170675-BSD1	B170675-BSD1	Benzo(G,H,I)Perylene	1.05			Y	0.075	0.17	4
B170675-BSD1	B170675-BSD1	Benzo(K)Fluoranthene	1.15			Y	0.053	0.17	4
B170675-BSD1	B170675-BSD1	Benzoic Acid		U		Y	0.18	1	4
B170675-BSD1	B170675-BSD1	Benzyl Butyl Phthalate	1.38			Y	0.081	0.34	4
B170675-BSD1	B170675-BSD1	Bis(2-Chloroethoxy) Methane	1.22			Y	0.065	0.34	4
B170675-BSD1	B170675-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Eth	1.31			Y	0.067	0.34	4
B170675-BSD1	B170675-BSD1	Bis(2-Chloroisopropyl) Ether	1.18			Y	0.073	0.34	4
B170675-BSD1	B170675-BSD1	Bis(2-Ethylhexyl) Phthalate	1.41			Y	0.13	0.34	4
B170675-BSD1	B170675-BSD1	Carbazole	1.15			Y	0.044	0.17	4
B170675-BSD1	B170675-BSD1	Chrysene	1.19			Y	0.053	0.17	4
B170675-BSD1	B170675-BSD1	Chrysene-D12	1.33			Y			4
B170675-BSD1	B170675-BSD1	Dibenz(A,H)Anthracene	1.12			Y	0.1	0.17	4
B170675-BSD1	B170675-BSD1	Dibenzofuran	1.34			Y	0.059	0.34	4
B170675-BSD1	B170675-BSD1	Diethyl Phthalate	1.4			Y	0.061	0.34	4
B170675-BSD1	B170675-BSD1	Dimethyl Phthalate	1.36			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	Di-N-Butyl Phthalate	1.26			Y	0.074	0.34	4
B170675-BSD1	B170675-BSD1	Di-N-Octylphthalate	1.37			Y	0.18	0.34	4
B170675-BSD1	B170675-BSD1	Fluoranthene	1.18			Y	0.056	0.17	4
B170675-BSD1	B170675-BSD1	Fluorene	1.3			Y	0.055	0.17	4
B170675-BSD1	B170675-BSD1	Hexachlorobenzene	1.13			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	Hexachlorobutadiene	1.12			Y	0.06	0.34	4
B170675-BSD1	B170675-BSD1	Hexachlorocyclopentadiene	0.843			Y	0.072	0.34	4
B170675-BSD1	B170675-BSD1	Hexachloroethane	1.04			Y	0.068	0.34	4
B170675-BSD1	B170675-BSD1	Indeno(1,2,3-C,D)Pyrene	1.11			Y	0.12	0.17	4
B170675-BSD1	B170675-BSD1	Isophorone	1.19			Y	0.066	0.34	4
B170675-BSD1	B170675-BSD1	Naphthalene	1.12			Y	0.087	0.17	4
B170675-BSD1	B170675-BSD1	Naphthalene-D8	1.33			Y			4
B170675-BSD1	B170675-BSD1	Nitrobenzene	1.16			Y	0.064	0.34	4
B170675-BSD1	B170675-BSD1	Nitrobenzene-D5	71.6			Y		0.34	4
B170675-BSD1	B170675-BSD1	N-Nitrosodimethylamine	1.06			Y	0.22	0.34	4
B170675-BSD1	B170675-BSD1	N-Nitrosodi-N-Propylamine	1.15			Y	0.07	0.34	4
B170675-BSD1	B170675-BSD1	N-Nitrosodiphenylamine	1.62			Y	0.07	0.34	4
B170675-BSD1	B170675-BSD1	Pentachloronitrobenzene	1.2			Y	0.081	0.34	4
B170675-BSD1	B170675-BSD1	Pentachlorophenol	0.945			Y	0.082	0.34	4
B170675-BSD1	B170675-BSD1	Perylene-D12	1.33			Y			4
B170675-BSD1	B170675-BSD1	Phenanthrene	1.17			Y	0.088	0.17	4
B170675-BSD1	B170675-BSD1	Phenanthrene-D10	1.33			Y			4
B170675-BSD1	B170675-BSD1	Phenol	1.16			Y	0.058	0.34	4
B170675-BSD1	B170675-BSD1	Phenol-D6	73.6			Y		0.34	4
B170675-BSD1	B170675-BSD1	Pyrene	1.2			Y	0.056	0.17	4
B170675-BSD1	B170675-BSD1	Pyridine	0.815			Y	0.055	0.34	4
B170675-BSD1	B170675-BSD1	Terphenyl-D14	79.4			Y		0.34	4
LB-14-COMP 1-0-4	17B0503-01	Solids, Percent	79.8			Y			4
LB-15-COMP 1-0-4	17B0503-02	Solids, Percent	92.3			Y			4
LB-14-COMP 2-4-10.5	17B0503-03	Solids, Percent	78.4			Y			4
LB-15-COMP 2-4-8.5	17B0503-04	Solids, Percent	78.1			Y			4
LB-18-COMP 1-0-4	17B0503-05	Solids, Percent	92.3			Y			4
LB-26-COMP 1-0-4	17B0503-06	Solids, Percent	83.4			Y			4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	method detection limit	reporting detection limit	validation level
LB-26-COMP 2-4-7.8	17B0503-07	Solids, Percent	81			Y			4
LB-27-COMP 1-0-4	17B0503-08	Solids, Percent	81.5			Y			4
LB-27-COMP 2-4-10.3	17B0503-09	Solids, Percent	84.9			Y			4
LB-28-COMP 1-0-4	17B0503-10	Solids, Percent	79.6			Y			4
LB-08-COMP 1-0-4	17B0503-11	Solids, Percent	80.4			Y			4
LB-08-COMP 2-4-10.2	17B0503-12	Solids, Percent	81.1			Y			4
LB-09-COMP 1-0-4	17B0503-13	Solids, Percent	78.2			Y			4
LB-09-COMP 2-4-10.7	17B0503-14	Solids, Percent	76.4			Y			4
LB-11-COMP 2-4-9	17B0503-15	Solids, Percent	81.4			Y			4
LB-11-COMP 1-0-4	17B0503-16	Solids, Percent	80			Y			4
LB-12-COMP 1-0-4	17B0503-17	Solids, Percent	77.7			Y			4
LB-12-COMP 2-4-9	17B0503-18	Solids, Percent	79.6			Y			4
LB-13-COMP 1-0-4	17B0503-19	Solids, Percent	83.2			Y			4
LB-13-COMP 2-4-9.8	17B0503-20	Solids, Percent	81.4			Y			4
LB-27-5.5-6	17B0503-21	Solids, Percent	86.9			Y			4
LB-28-10.5-11	17B0503-22	Solids, Percent	80.9			Y			4
LB-01-COMP 1-0-4	17B0503-23	Solids, Percent	87			Y			4
LB-01-COMP 2-4-9.8	17B0503-24	Solids, Percent	82.7			Y			4
LB-02-COMP 1-0-4	17B0503-25	Solids, Percent	83.3			Y			4
LB-02-COMP 2-4-9.2	17B0503-26	Solids, Percent	81			Y			4
LB-03-COMP 1-0-4	17B0503-27	Solids, Percent	88.6			Y			4
LB-03-COMP 2-4-9.9	17B0503-28	Solids, Percent	76.7			Y			4
LB-07-COMP 1-0-4	17B0503-29	Solids, Percent	84.1			Y			4
LB-07-COMP 2-4-9.7	17B0503-30	Solids, Percent	78.5			Y			4
LB-13-3-3.5	17B0503-31	Solids, Percent	79.4			Y			4
LB-13-5-5.5	17B0503-32	Solids, Percent	81			Y			4
LB-14-3.5-4	17B0503-33	Solids, Percent	75.5			Y			4
LB-14-5-5.5	17B0503-34	Solids, Percent	75.2			Y			4
LB-14-10-10.5	17B0503-35	Solids, Percent	79.9			Y			4
LB-15-3.5-4	17B0503-36	Solids, Percent	77			Y			4
LB-15-5-5.5	17B0503-37	Solids, Percent	74.7			Y			4
LB-18-0-2	17B0503-38	Solids, Percent	96.7			Y			4
LB-26-1.3-1.8	17B0503-39	Solids, Percent	82.5			Y			4
LB-26-4.5-5	17B0503-40	Solids, Percent	79.3			Y			4
LB-02-8-8.5	17B0503-41	Solids, Percent	78.1			Y			4
LB-07-1-1.5	17B0503-42	Solids, Percent	80.9			Y			4
LB-07-4.5-5	17B0503-43	Solids, Percent	75.6			Y			4
LB-07-8-8.5	17B0503-44	Solids, Percent	88.4			Y			4
LB-08-9-10	17B0503-45	Solids, Percent	82.6			Y			4
LB-09-3-3.5	17B0503-46	Solids, Percent	82.2			Y			4
LB-09-4.5-5	17B0503-47	Solids, Percent	79.2			Y			4
LB-12-1-1.5	17B0503-48	Solids, Percent	73.1			Y			4
LB-12-1.5-2	17B0503-49	Solids, Percent	76.2			Y			4
LB-12-4-4.5	17B0503-50	Solids, Percent	78.7			Y			4
LB-28-COMP 2-4-11	17B0503-51	Solids, Percent	79.5			Y			4
LB-29-COMP 1-0-4	17B0503-52	Solids, Percent	86.4			Y			4
LB-29-COMP 2-4-9.3	17B0503-53	Solids, Percent	83.2			Y			4
LB-13-COMP 3-10-15	17B0503-54	Solids, Percent	80.7			Y			4
LB-14-COMP 1-0-4DUP1	B170498-DUP1	Solids, Percent	81			Y			4
LB-15-COMP 1-0-4DUP2	B170498-DUP2	Solids, Percent	91.9			Y			4
LB-14-COMP 2-4-10.5DUP3	B170498-DUP3	Solids, Percent	75.6			Y			4
LB-12-COMP 2-4-9DUP4	B170498-DUP4	Solids, Percent	82.6			Y			4
LB-13-COMP 1-0-4DUP5	B170498-DUP5	Solids, Percent	82.5			Y			4
LB-13-COMP 2-4-9.8DUP6	B170498-DUP6	Solids, Percent	84.1			Y			4
LB-15-COMP 1-0-4	17B0503-02	Cyanide	0.84			Y	0.25	0.5	4
LB-15-COMP 2-4-8.5	17B0503-04	Cyanide	3.2			Y	0.31	0.63	4
LB-18-COMP 1-0-4	17B0503-05	Cyanide		U		Y	0.25	0.51	4
LB-08-COMP 2-4-10.2	17B0503-12	Cyanide	0.69			Y	0.27	0.54	4
LB-11-COMP 1-0-4	17B0503-16	Cyanide		U		Y	0.28	0.57	4
LB-02-COMP 2-4-9.2	17B0503-26	Cyanide		U		Y	0.29	0.58	4
LB-28-COMP 2-4-11	17B0503-51	Cyanide		U		Y	0.25	0.5	4
B170515-BLK1	B170515-BLK1	Cyanide		U		Y	0.24	0.48	4
B170515-BS1	B170515-BS1	Cyanide	66	D		Y	1.2	2.5	4
B170515-BSD1	B170515-BSD1	Cyanide	61	D		Y	1.2	2.5	4

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
Con-test Analytical Laboratory SDG#17B0761
May 1, 2017
Reissued: May 22, 2017
Sampling date: 2/16/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
SDG# 17B0761

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers (reissued May 22, 2017), project located at 683 Northland Ave., Project #20170105, Con-test Analytical Laboratory (Con-Test), SDG#17B0761, submitted to Vali-Data of WNY, LLC on April 20, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C-D), Mercury (7470A, 7471B) and in accordance with wet chemistry methods.

The Trip Blank was not logged in nor analyzed for VOC by Con-Test. Results were recorded to the reporting limits, as confirmed by LiRo Engineers.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 1,2-Dichloroethane-d₄ was outside ASP QC limits, high in LRB-01-2-16-17. Associated target analytes detected in this sample should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Methyl Acetate was outside QC limits, high in B170829-BS1/BSD1. The %Rec of Carbon Disulfide, Methyl Acetate and trans-1,2-Dichloroethene was outside QC limits, high in B171017-BS1/BSD1 and B170824-BS1/BSD1. These target analytes should be qualified as estimated in the associated samples, if detected. Several target analytes were detected in the laboratory control sample or it's duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of 1,4-Dioxane was outside ASP outer limit in the initial calibration performed on instrument GCMSVOA1. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Alternate forms of regression were performed on all target analytes whose %RSD >15%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of tert-Butyl alcohol was outside outer ASP QC limits in S013633-CCV1 and should be qualified as estimated in the associated blanks, spikes and samples.

The %D of Bromochloromethane was outside QC limits in S013633-CCV1. ASP allows for up to two target analytes to be outside QC limits without further action.

The %D of some target analytes was outside laboratory QC limits but was within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Internal Standards, Laboratory Control Samples, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met except the area of Perylene-d₁₂ was outside QC limits, high in LW-01-Comp2-4-10.2'. Associated target analytes detected in this sample should be qualified as estimated low.

The area of Perylene-d₁₂ was outside QC limits, low in LW-01-Comp2-4-10.2'MS1. Associated target analytes detected in this sample should be qualified as estimated high. Associated target analytes not detected in this sample should be qualified as estimated undetected.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of some of the surrogates was outside laboratory QC limits but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Benzidine was outside QC limits, low in B170795-BS1/BSD1. The %RPD between B170795-BS1 and B170795BSD1 was outside QC limits for Benzidine and 3,3-Dichlorobenzidine. The %RPD between B170805-BS1 and B170805-BSD1 was outside QC limits for Benzidine. These target analytes should be qualified as estimated in the associated samples.

MS/MSD

All criteria were met except the %Rec of Fluoranthene, Phenanthrene and Pyrene were outside QC limits, high in LW-01-Comp2-4-10.2'MS/MSD. These target analytes should be qualified as estimated in LW-01-Comp2-4-10.2'MS/MSD and LW-01-Comp2-4-10.2', if detected.

The %Rec of Aniline, Benzo(a)anthracene, 4-Chloroaniline, 2,6-Dinitrotoluene, Hexachloroethane, 1-Methylnaphthalene, Nitrobenzene, 2-Nitrophenol and Pyridine was outside QC limits, low in LW-01-Comp2-4-10.2'MS/MSD. These target analytes should be qualified as estimated in LW-01-Comp2-4-10.2'MS/MSD and LW-01-Comp2-4-10.2'.

The RPD of Acenaphthene, Anthracene, Benzo(b)fluoranthene, Carbazole, Chrysene, Hexachlorobenzene, Hexachlorobutadiene, 3/4-Methylphenol, Naphthalene, 2-Nitroaniline, 3-Nitroaniline, 4-Nitroaniline, N-Nitrosodimethylamine, Phenol, 1,2,4,5-Tetrachlorobenzene,

Fluoranthene, Phenanthrene, Pyrene, Aniline, 4-Chloroaniline, 2,6-Dinitrotoluene, Nitrobenzene and Pyridine was outside QC limits between LW-01-Comp2-4-10.2'MS and LW-01-Comp2-4-10.2'MSD. These target analytes should be qualified as estimated in LW-01-Comp2-4-10.2'MS/MSD and LW-01-Comp2-4-10.2'.

The %Rec of Benzidine, Benzoic acid, Hexachlorocyclopentadiene, Pentachloronitrobenzene, 4,6-Dinitro-2-methylphenol and 2,4-Dinitrophenol was 0% in LW-01-Comp2-4-10.2'MS/MSD. These target analytes should be qualified as estimated, if detected in LW-01-Comp2-4-10.2' or qualified as unusable if undetected in LW-01-Comp2-4-10.2'.

Several target analytes were outside QC limits in LW-01-Comp2-4-10.2'MSD but were within limits in LW-01-Comp2-4-10.2'MS, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Benzidine was outside ASP outer QC limits in S013596-CCV1, S013729-CCV1 and S013730-CCV1. This target analytes should be qualified as estimated in the associated blanks, spikes and samples.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

The %D of several target analytes was outside laboratory QC limits but within ASP limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in MS/MSD and Compound Quantitation.

Samples; LW-01-Comp2-4-10.2', LW-01-Comp1-0-4', LW-02-Comp2-4-9.8' and LW-02-Comp1-0-4' were diluted due to high target analyte concentration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of all surrogates in LW-01-Comp1-0-4' and LW-02-Comp2-4-9.8' were outside QC limits due to dilution, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Aroclor 1260 was outside QC limits, high in LW-01-Comp2-4-10.2'MS1/MSD1 off both columns and should be qualified as estimated. The %RPD of Aroclor 1260 between LW-01-Comp2-4-10.2'MS1 and LW-01-Comp2-4-10.2'MSD1 was outside QC limits off both columns. This target analyte should be qualified as estimated in LW-01-Comp2-4-10.2'.

The %Rec of Aroclor 1016 was outside QC limits, high in LW-01-Comp2-4-10.2'MSD1 off column 2 and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1254 in sample LW-01-Comp2-4-10.2'. The RPD between the columns was outside QC limits for Aroclor 1016 and Aroclor 1260 in samples LW-01-Comp2-4-10.2'MS1/MSD1. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on some of the target analytes in the initial calibration performed on instrument ECD10 with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, Laboratory Control Samples, MS/MSD/Duplicate and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met except Form 3 for sequence S013750 was not included in the reissued report. This form was included in the original report and should be added to the reissued report.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Pb was detected in B171093-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Hg was detected in B171271-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected

above the reporting limit should be qualified as estimated high.
Hg was detected above the reporting limit in LRB-01-2-16-17.

LABORATORY CONTROL SAMPLE

All criteria were met except the %Rec of Sb was outside QC limits, low in B171205-BS1/BSD1. This target analyte should be qualified as estimated in the associated laboratory control samples and the associated samples.

The %Rec of Al was outside ASP QC limits, high in B171205-BS1/BSD1. This target analyte should be qualified as estimated high in the associated laboratory control samples and the associated samples, if detected.

MS/MSD/DUPLICATE

All criteria were met except the %Rec of Zn was outside QC limits, high in LW-01-Comp2-4-10.2'MS1/MSD1. This target analyte should be qualified as estimated high if detected in the associated samples.

The RPD between LW-01-Comp2-4-10.2'RE1MS1 and LW-01-Comp2-4-10.2'RE1MSD1 was outside QC limits for Pb. This target analyte should be qualified as estimated in the associated samples.

The %Rec of Sb and Na was outside QC limits in LW-01-Comp2-4-10.2'MSD1, and should be qualified as estimated. They were within limits in LW-01-Comp2-4-10.2'MS1, so no further action is required. The %Rec of Ba and Pb was outside QC limits in LW-01-Comp2-4-10.2'RE1MS1, and should be qualified as estimated. They were within limits in LW-01-Comp2-4-10.2'RE1MSD1, so no further action is required.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Be, Cd, Pb, Mg, Tl and Se was outside ASP QC limits, high, in S013756-LCV1. The %Rec of Al, As, Be, Cd, Pb and Ag was outside ASP QC limits, high in S013758-LCV1. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of Al, Co, Ag and V was outside ASP QC limits, low, in S013756-LCV1. The %Rec of Co and V was outside ASP QC limits, low in S013758-LCV1. The %Rec of Sb, Pb and Zn was outside ASP QC limits, low in S013808-LCV1. The %Rec of Hg was outside ASP QC limits, low in S013750-CCV4, 5, 6. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids
- Cyanide

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

%SOLIDS

All criteria were met.

CYANIDE

All criteria were met.

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-02-2-20-17	17B0911-01	Aluminum		U		N	
LRB-02-2-20-17	17B0911-01	Antimony		U		N	
LRB-02-2-20-17	17B0911-01	Arsenic		U		N	
LRB-02-2-20-17	17B0911-01	Barium		U		N	
LRB-02-2-20-17	17B0911-01	Beryllium		U		N	
LRB-02-2-20-17	17B0911-01	Cadmium		U		N	
LRB-02-2-20-17	17B0911-01	Calcium		U		N	
LRB-02-2-20-17	17B0911-01	Chromium, Total		U		N	
LRB-02-2-20-17	17B0911-01	Cobalt		U		N	
LRB-02-2-20-17	17B0911-01	Copper		U		N	
LRB-02-2-20-17	17B0911-01	Iron		U		N	
LRB-02-2-20-17	17B0911-01	Lead		U		N	
LRB-02-2-20-17	17B0911-01	Magnesium		U		N	
LRB-02-2-20-17	17B0911-01	Manganese		U		N	
LRB-02-2-20-17	17B0911-01	Nickel		U		N	
LRB-02-2-20-17	17B0911-01	Potassium		U		N	
LRB-02-2-20-17	17B0911-01	Selenium		U		N	
LRB-02-2-20-17	17B0911-01	Silver		U		N	
LRB-02-2-20-17	17B0911-01	Sodium		U		N	
LRB-02-2-20-17	17B0911-01	Thallium		U		N	
LRB-02-2-20-17	17B0911-01	Vanadium		U		N	
LRB-02-2-20-17	17B0911-01	Zinc		U		N	
LRB-02-2-20-17	17B0911-01	Mercury	0.00013			N	
LRB-02-2-20-17	17B0911-01	2,4,5,6-Tetrachloro-Meta-Xylene	80.8			N	
LRB-02-2-20-17	17B0911-01	Alachlor		U		N	
LRB-02-2-20-17	17B0911-01	Aldrin		U		N	
LRB-02-2-20-17	17B0911-01	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LRB-02-2-20-17	17B0911-01	Alpha Endosulfan		U		N	
LRB-02-2-20-17	17B0911-01	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
LRB-02-2-20-17	17B0911-01	Beta Endosulfan		U		N	
LRB-02-2-20-17	17B0911-01	Chlordane		U		N	
LRB-02-2-20-17	17B0911-01	Decachlorobiphenyl (PCB 209)	35.7			N	
LRB-02-2-20-17	17B0911-01	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LRB-02-2-20-17	17B0911-01	Dieldrin		U		N	
LRB-02-2-20-17	17B0911-01	Endosulfan Sulfate		U		N	
LRB-02-2-20-17	17B0911-01	Endrin		U		N	
LRB-02-2-20-17	17B0911-01	Endrin Aldehyde		U		N	
LRB-02-2-20-17	17B0911-01	Endrin Ketone		U		N	
LRB-02-2-20-17	17B0911-01	Gamma Bhc (Lindane)		U		N	
LRB-02-2-20-17	17B0911-01	Heptachlor		U		N	
LRB-02-2-20-17	17B0911-01	Heptachlor Epoxide		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Methoxychlor		U		N	
LRB-02-2-20-17	17B0911-01	P,P'-DDD		U		N	
LRB-02-2-20-17	17B0911-01	P,P'-DDE		U		N	
LRB-02-2-20-17	17B0911-01	P,P'-DDT		U		N	
LRB-02-2-20-17	17B0911-01	Toxaphene		U		N	
LRB-02-2-20-17	17B0911-01	2,4,5,6-Tetrachloro-Meta-Xylene	85.8			N	
LRB-02-2-20-17	17B0911-01	Decachlorobiphenyl (PCB 209)	48.3			N	
LRB-02-2-20-17	17B0911-01	PCB-1016 (Aroclor 1016)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1221 (Aroclor 1221)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1232 (Aroclor 1232)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1242 (Aroclor 1242)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1248 (Aroclor 1248)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1254 (Aroclor 1254)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1260 (Aroclor 1260)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1262 (Aroclor 1262)		U		N	
LRB-02-2-20-17	17B0911-01	PCB-1268 (Aroclor 1268)		U		N	
LRB-02-2-20-17	17B0911-01	1,1,1,2-Tetrachloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1,1-Trichloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1,2,2-Tetrachloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1,2-Trichloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1-Dichloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,1-Dichloroethene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-02-2-20-17	17B0911-01	1,1-Dichloropropene		U		N	
LRB-02-2-20-17	17B0911-01	1,2,3-Trichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2,3-Trichloropropane		U		N	
LRB-02-2-20-17	17B0911-01	1,2,4-Trichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2,4-Trimethylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dibromo-3-Chloropropane		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dichloroethane		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dichloroethane-D4	98.8			N	
LRB-02-2-20-17	17B0911-01	1,2-Dichloropropane		U		N	
LRB-02-2-20-17	17B0911-01	1,3,5-Trichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LRB-02-2-20-17	17B0911-01	1,3-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,3-Dichloropropane		U		N	
LRB-02-2-20-17	17B0911-01	1,4-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,4-Dichlorobenzene-D4	30			N	
LRB-02-2-20-17	17B0911-01	1,4-Difluorobenzene	30			N	
LRB-02-2-20-17	17B0911-01	1,4-Dioxane (P-Dioxane)		U		N	
LRB-02-2-20-17	17B0911-01	2,2-Dichloropropane		U		N	
LRB-02-2-20-17	17B0911-01	2-Chlorotoluene		U		N	
LRB-02-2-20-17	17B0911-01	2-Hexanone		U		N	
LRB-02-2-20-17	17B0911-01	2-Methoxy-2-Methylbutane		U		N	
LRB-02-2-20-17	17B0911-01	4-Chlorotoluene		U		N	
LRB-02-2-20-17	17B0911-01	Acetone		U		N	
LRB-02-2-20-17	17B0911-01	Acrylonitrile		U		N	
LRB-02-2-20-17	17B0911-01	Benzene		U		N	
LRB-02-2-20-17	17B0911-01	Bromobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Bromochloromethane		U		N	
LRB-02-2-20-17	17B0911-01	Bromodichloromethane		U		N	
LRB-02-2-20-17	17B0911-01	Bromoform		U		N	
LRB-02-2-20-17	17B0911-01	Bromomethane		U		N	
LRB-02-2-20-17	17B0911-01	Carbon Disulfide		U		N	
LRB-02-2-20-17	17B0911-01	Carbon Tetrachloride		U		N	
LRB-02-2-20-17	17B0911-01	Chlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Chlorobenzene-D5	30			N	
LRB-02-2-20-17	17B0911-01	Chloroethane		U		N	
LRB-02-2-20-17	17B0911-01	Chloroform		U		N	
LRB-02-2-20-17	17B0911-01	Chloromethane		U		N	
LRB-02-2-20-17	17B0911-01	Cis-1,2-Dichloroethylene		U		N	
LRB-02-2-20-17	17B0911-01	Cis-1,3-Dichloropropene		U		N	
LRB-02-2-20-17	17B0911-01	Cyclohexane		U		N	
LRB-02-2-20-17	17B0911-01	Cymene		U		N	
LRB-02-2-20-17	17B0911-01	Dibromochloromethane		U		N	
LRB-02-2-20-17	17B0911-01	Dibromomethane		U		N	
LRB-02-2-20-17	17B0911-01	Dichlorodifluoromethane		U		N	
LRB-02-2-20-17	17B0911-01	Diethyl Ether (Ethyl Ether)		U		N	
LRB-02-2-20-17	17B0911-01	Ethyl Tert-Butyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	Ethylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorobutadiene		U		N	
LRB-02-2-20-17	17B0911-01	Isopropyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	Isopropylbenzene (Cumene)		U		N	
LRB-02-2-20-17	17B0911-01	m,p-Xylene		U		N	
LRB-02-2-20-17	17B0911-01	Methyl Acetate		U		N	
LRB-02-2-20-17	17B0911-01	Methyl Ethyl Ketone (2-Butanone)		U		N	
LRB-02-2-20-17	17B0911-01	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LRB-02-2-20-17	17B0911-01	Methylcyclohexane		U		N	
LRB-02-2-20-17	17B0911-01	Methylene Chloride		U		N	
LRB-02-2-20-17	17B0911-01	Naphthalene		U		N	
LRB-02-2-20-17	17B0911-01	N-Butylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	N-Propylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	O-Xylene (1,2-Dimethylbenzene)		U		N	
LRB-02-2-20-17	17B0911-01	p-Bromofluorobenzene	93.6			N	
LRB-02-2-20-17	17B0911-01	Pentafluorobenzene	30			N	
LRB-02-2-20-17	17B0911-01	Sec-Butylbenzene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-02-2-20-17	17B0911-01	Styrene		U		N	
LRB-02-2-20-17	17B0911-01	T-Butylbenzene		U		N	
LRB-02-2-20-17	17B0911-01	Tert-Butyl Alcohol		U		N	
LRB-02-2-20-17	17B0911-01	Tert-Butyl Methyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	Tetrachloroethylene (PCE)		U		N	
LRB-02-2-20-17	17B0911-01	Tetrahydrofuran		U		N	
LRB-02-2-20-17	17B0911-01	Toluene		U		N	
LRB-02-2-20-17	17B0911-01	Toluene-D8	100			N	
LRB-02-2-20-17	17B0911-01	Trans-1,2-Dichloroethene		U		N	
LRB-02-2-20-17	17B0911-01	Trans-1,3-Dichloropropene		U		N	
LRB-02-2-20-17	17B0911-01	Trans-1,4-Dichloro-2-Butene		U		N	
LRB-02-2-20-17	17B0911-01	Trichloroethylene (TCE)		U		N	
LRB-02-2-20-17	17B0911-01	Trichlorofluoromethane		U		N	
LRB-02-2-20-17	17B0911-01	Vinyl Chloride		U		N	
LRB-02-2-20-17	17B0911-01	1,2,4,5-Tetrachlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2,4-Trichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,2-Diphenylhydrazine		U		N	
LRB-02-2-20-17	17B0911-01	1,3-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,4-Dichlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	1,4-Dichlorobenzene-D4	40			N	
LRB-02-2-20-17	17B0911-01	1-Methylnaphthalene		U		N	
LRB-02-2-20-17	17B0911-01	2,4,5-Trichlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4,6-Tribromophenol	89.3			N	
LRB-02-2-20-17	17B0911-01	2,4,6-Trichlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4-Dichlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4-Dimethylphenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4-Dinitrophenol		U		N	
LRB-02-2-20-17	17B0911-01	2,4-Dinitrotoluene		U		N	
LRB-02-2-20-17	17B0911-01	2,6-Dinitrotoluene		U		N	
LRB-02-2-20-17	17B0911-01	2-Chloronaphthalene		U		N	
LRB-02-2-20-17	17B0911-01	2-Chlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	2-Fluorobiphenyl	80.2			N	
LRB-02-2-20-17	17B0911-01	2-Fluorophenol	55.1			N	
LRB-02-2-20-17	17B0911-01	2-Methylnaphthalene		U		N	
LRB-02-2-20-17	17B0911-01	2-Methylphenol (O-Cresol)		U		N	
LRB-02-2-20-17	17B0911-01	2-Nitroaniline		U		N	
LRB-02-2-20-17	17B0911-01	2-Nitrophenol		U		N	
LRB-02-2-20-17	17B0911-01	3- And 4- Methylphenol (Total)		U		N	
LRB-02-2-20-17	17B0911-01	3,3'-Dichlorobenzidine		U		N	
LRB-02-2-20-17	17B0911-01	3-Nitroaniline		U		N	
LRB-02-2-20-17	17B0911-01	4,6-Dinitro-2-Methylphenol		U		N	
LRB-02-2-20-17	17B0911-01	4-Bromophenyl Phenyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	4-Chloro-3-Methylphenol		U		N	
LRB-02-2-20-17	17B0911-01	4-Chloroaniline		U		N	
LRB-02-2-20-17	17B0911-01	4-Chlorophenyl Phenyl Ether		U		N	
LRB-02-2-20-17	17B0911-01	4-Nitroaniline		U		N	
LRB-02-2-20-17	17B0911-01	4-Nitrophenol		U		N	
LRB-02-2-20-17	17B0911-01	Acenaphthene		U		N	
LRB-02-2-20-17	17B0911-01	Acenaphthene-D10	40			N	
LRB-02-2-20-17	17B0911-01	Acenaphthylene		U		N	
LRB-02-2-20-17	17B0911-01	Acetophenone		U		N	
LRB-02-2-20-17	17B0911-01	Aniline		U		N	
LRB-02-2-20-17	17B0911-01	Anthracene		U		N	
LRB-02-2-20-17	17B0911-01	Benzidine		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(A)Anthracene		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(A)Pyrene		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(B)Fluoranthene		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(G,H,I)Perylene		U		N	
LRB-02-2-20-17	17B0911-01	Benzo(K)Fluoranthene		U		N	
LRB-02-2-20-17	17B0911-01	Benzoic Acid		U		N	
LRB-02-2-20-17	17B0911-01	Benzyl Butyl Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Bis(2-Chloroethoxy) Methane		U		N	
LRB-02-2-20-17	17B0911-01	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LRB-02-2-20-17	17B0911-01	Bis(2-Chloroisopropyl) Ether		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-02-2-20-17	17B0911-01	Bis(2-Ethylhexyl) Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Carbazole		U		N	
LRB-02-2-20-17	17B0911-01	Chrysene		U		N	
LRB-02-2-20-17	17B0911-01	Chrysene-D12	40			N	
LRB-02-2-20-17	17B0911-01	Dibenz(A,H)Anthracene		U		N	
LRB-02-2-20-17	17B0911-01	Dibenzofuran		U		N	
LRB-02-2-20-17	17B0911-01	Diethyl Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Dimethyl Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Di-N-Butyl Phthalate		U		N	
LRB-02-2-20-17	17B0911-01	Di-N-Octylphthalate		U		N	
LRB-02-2-20-17	17B0911-01	Fluoranthene		U		N	
LRB-02-2-20-17	17B0911-01	Fluorene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorobutadiene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachlorocyclopentadiene		U		N	
LRB-02-2-20-17	17B0911-01	Hexachloroethane		U		N	
LRB-02-2-20-17	17B0911-01	Indeno(1,2,3-C,D)Pyrene		U		N	
LRB-02-2-20-17	17B0911-01	Isophorone		U		N	
LRB-02-2-20-17	17B0911-01	Naphthalene		U		N	
LRB-02-2-20-17	17B0911-01	Naphthalene-D8	40			N	
LRB-02-2-20-17	17B0911-01	Nitrobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Nitrobenzene-D5	85			N	
LRB-02-2-20-17	17B0911-01	N-Nitrosodimethylamine		U		N	
LRB-02-2-20-17	17B0911-01	N-Nitrosodi-N-Propylamine		U		N	
LRB-02-2-20-17	17B0911-01	N-Nitrosodiphenylamine		U		N	
LRB-02-2-20-17	17B0911-01	Pentachloronitrobenzene		U		N	
LRB-02-2-20-17	17B0911-01	Pentachlorophenol		U		N	
LRB-02-2-20-17	17B0911-01	Perylene-D12	40			N	
LRB-02-2-20-17	17B0911-01	Phenanthrene		U		N	
LRB-02-2-20-17	17B0911-01	Phenanthrene-D10	40			N	
LRB-02-2-20-17	17B0911-01	Phenol		U		N	
LRB-02-2-20-17	17B0911-01	Phenol-D6	38.2			N	
LRB-02-2-20-17	17B0911-01	Pyrene		U		N	
LRB-02-2-20-17	17B0911-01	Pyridine		U		N	
LRB-02-2-20-17	17B0911-01	Terphenyl-D14	88.2			N	
LRB-02-2-20-17	17B0911-01	Cyanide		U		N	
LRB-03-2-20-17	17B0911-02	Aluminum		U		N	
LRB-03-2-20-17	17B0911-02	Antimony		U		N	
LRB-03-2-20-17	17B0911-02	Arsenic		U		N	
LRB-03-2-20-17	17B0911-02	Barium		U		N	
LRB-03-2-20-17	17B0911-02	Beryllium		U		N	
LRB-03-2-20-17	17B0911-02	Cadmium		U		N	
LRB-03-2-20-17	17B0911-02	Calcium	0.21			N	
LRB-03-2-20-17	17B0911-02	Chromium, Total		U		N	
LRB-03-2-20-17	17B0911-02	Cobalt		U		N	
LRB-03-2-20-17	17B0911-02	Copper		U		N	
LRB-03-2-20-17	17B0911-02	Iron		U		N	
LRB-03-2-20-17	17B0911-02	Lead		U		N	
LRB-03-2-20-17	17B0911-02	Magnesium		U		N	
LRB-03-2-20-17	17B0911-02	Manganese		U		N	
LRB-03-2-20-17	17B0911-02	Nickel		U		N	
LRB-03-2-20-17	17B0911-02	Potassium		U		N	
LRB-03-2-20-17	17B0911-02	Selenium		U		N	
LRB-03-2-20-17	17B0911-02	Silver		U		N	
LRB-03-2-20-17	17B0911-02	Sodium		U		N	
LRB-03-2-20-17	17B0911-02	Thallium		U		N	
LRB-03-2-20-17	17B0911-02	Vanadium		U		N	
LRB-03-2-20-17	17B0911-02	Zinc		U		N	
LRB-03-2-20-17	17B0911-02	Mercury	0.00014			N	
LRB-03-2-20-17	17B0911-02	2,4,5,6-Tetrachloro-Meta-Xylene	77.1			N	
LRB-03-2-20-17	17B0911-02	Alachlor		U		N	
LRB-03-2-20-17	17B0911-02	Aldrin		U		N	
LRB-03-2-20-17	17B0911-02	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LRB-03-2-20-17	17B0911-02	Alpha Endosulfan		U		N	
LRB-03-2-20-17	17B0911-02	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	

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LRB-03-2-20-17	17B0911-02	Beta Endosulfan		U		N	
LRB-03-2-20-17	17B0911-02	Chlordane		U		N	
LRB-03-2-20-17	17B0911-02	Decachlorobiphenyl (PCB 209)	31.4			N	
LRB-03-2-20-17	17B0911-02	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LRB-03-2-20-17	17B0911-02	Dieldrin		U		N	
LRB-03-2-20-17	17B0911-02	Endosulfan Sulfate		U		N	
LRB-03-2-20-17	17B0911-02	Endrin		U		N	
LRB-03-2-20-17	17B0911-02	Endrin Aldehyde		U		N	
LRB-03-2-20-17	17B0911-02	Endrin Ketone		U		N	
LRB-03-2-20-17	17B0911-02	Gamma Bhc (Lindane)		U		N	
LRB-03-2-20-17	17B0911-02	Heptachlor		U		N	
LRB-03-2-20-17	17B0911-02	Heptachlor Epoxide		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Methoxychlor		U		N	
LRB-03-2-20-17	17B0911-02	P,P'-DDD		U		N	
LRB-03-2-20-17	17B0911-02	P,P'-DDE		U		N	
LRB-03-2-20-17	17B0911-02	P,P'-DDT		U		N	
LRB-03-2-20-17	17B0911-02	Toxaphene		U		N	
LRB-03-2-20-17	17B0911-02	2,4,5,6-Tetrachloro-Meta-Xylene	78.7			N	
LRB-03-2-20-17	17B0911-02	Decachlorobiphenyl (PCB 209)	60.1			N	
LRB-03-2-20-17	17B0911-02	PCB-1016 (Aroclor 1016)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1221 (Aroclor 1221)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1232 (Aroclor 1232)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1242 (Aroclor 1242)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1248 (Aroclor 1248)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1254 (Aroclor 1254)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1260 (Aroclor 1260)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1262 (Aroclor 1262)		U		N	
LRB-03-2-20-17	17B0911-02	PCB-1268 (Aroclor 1268)		U		N	
LRB-03-2-20-17	17B0911-02	1,1,1,2-Tetrachloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1,1-Trichloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1,2,2-Tetrachloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1,2-Trichloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1-Dichloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,1-Dichloroethene		U		N	
LRB-03-2-20-17	17B0911-02	1,1-Dichloropropene		U		N	
LRB-03-2-20-17	17B0911-02	1,2,3-Trichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2,3-Trichloropropane		U		N	
LRB-03-2-20-17	17B0911-02	1,2,4-Trichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2,4-Trimethylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dibromo-3-Chloropropane		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dichloroethane		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dichloroethane-D4	98.8			N	
LRB-03-2-20-17	17B0911-02	1,2-Dichloropropane		U		N	
LRB-03-2-20-17	17B0911-02	1,3,5-Trichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LRB-03-2-20-17	17B0911-02	1,3-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,3-Dichloropropane		U		N	
LRB-03-2-20-17	17B0911-02	1,4-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,4-Dichlorobenzene-D4	30			N	
LRB-03-2-20-17	17B0911-02	1,4-Difluorobenzene	30			N	
LRB-03-2-20-17	17B0911-02	1,4-Dioxane (P-Dioxane)		U		N	
LRB-03-2-20-17	17B0911-02	2,2-Dichloropropane		U		N	
LRB-03-2-20-17	17B0911-02	2-Chlorotoluene		U		N	
LRB-03-2-20-17	17B0911-02	2-Hexanone		U		N	
LRB-03-2-20-17	17B0911-02	2-Methoxy-2-Methylbutane		U		N	
LRB-03-2-20-17	17B0911-02	4-Chlorotoluene		U		N	
LRB-03-2-20-17	17B0911-02	Acetone		U		N	
LRB-03-2-20-17	17B0911-02	Acrylonitrile		U		N	
LRB-03-2-20-17	17B0911-02	Benzene		U		N	
LRB-03-2-20-17	17B0911-02	Bromobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Bromochloromethane		U		N	

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LRB-03-2-20-17	17B0911-02	Bromodichloromethane		U		N	
LRB-03-2-20-17	17B0911-02	Bromoform		U		N	
LRB-03-2-20-17	17B0911-02	Bromomethane		U		N	
LRB-03-2-20-17	17B0911-02	Carbon Disulfide		U		N	
LRB-03-2-20-17	17B0911-02	Carbon Tetrachloride		U		N	
LRB-03-2-20-17	17B0911-02	Chlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Chlorobenzene-D5	30			N	
LRB-03-2-20-17	17B0911-02	Chloroethane		U		N	
LRB-03-2-20-17	17B0911-02	Chloroform		U		N	
LRB-03-2-20-17	17B0911-02	Chloromethane		U		N	
LRB-03-2-20-17	17B0911-02	Cis-1,2-Dichloroethylene		U		N	
LRB-03-2-20-17	17B0911-02	Cis-1,3-Dichloropropene		U		N	
LRB-03-2-20-17	17B0911-02	Cyclohexane		U		N	
LRB-03-2-20-17	17B0911-02	Cymene		U		N	
LRB-03-2-20-17	17B0911-02	Dibromochloromethane		U		N	
LRB-03-2-20-17	17B0911-02	Dibromomethane		U		N	
LRB-03-2-20-17	17B0911-02	Dichlorodifluoromethane		U		N	
LRB-03-2-20-17	17B0911-02	Diethyl Ether (Ethyl Ether)		U		N	
LRB-03-2-20-17	17B0911-02	Ethyl Tert-Butyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	Ethylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorobutadiene		U		N	
LRB-03-2-20-17	17B0911-02	Isopropyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	Isopropylbenzene (Cumene)		U		N	
LRB-03-2-20-17	17B0911-02	m,p-Xylene		U		N	
LRB-03-2-20-17	17B0911-02	Methyl Acetate		U		N	
LRB-03-2-20-17	17B0911-02	Methyl Ethyl Ketone (2-Butanone)		U		N	
LRB-03-2-20-17	17B0911-02	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LRB-03-2-20-17	17B0911-02	Methylcyclohexane		U		N	
LRB-03-2-20-17	17B0911-02	Methylene Chloride		U		N	
LRB-03-2-20-17	17B0911-02	Naphthalene		U		N	
LRB-03-2-20-17	17B0911-02	N-Butylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	N-Propylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	O-Xylene (1,2-Dimethylbenzene)		U		N	
LRB-03-2-20-17	17B0911-02	p-Bromofluorobenzene	93.5			N	
LRB-03-2-20-17	17B0911-02	Pentafluorobenzene	30			N	
LRB-03-2-20-17	17B0911-02	Sec-Butylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	Styrene		U		N	
LRB-03-2-20-17	17B0911-02	T-Butylbenzene		U		N	
LRB-03-2-20-17	17B0911-02	Tert-Butyl Alcohol		U		N	
LRB-03-2-20-17	17B0911-02	Tert-Butyl Methyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	Tetrachloroethylene (PCE)		U		N	
LRB-03-2-20-17	17B0911-02	Tetrahydrofuran		U		N	
LRB-03-2-20-17	17B0911-02	Toluene		U		N	
LRB-03-2-20-17	17B0911-02	Toluene-D8	101			N	
LRB-03-2-20-17	17B0911-02	Trans-1,2-Dichloroethene		U		N	
LRB-03-2-20-17	17B0911-02	Trans-1,3-Dichloropropene		U		N	
LRB-03-2-20-17	17B0911-02	Trans-1,4-Dichloro-2-Butene		U		N	
LRB-03-2-20-17	17B0911-02	Trichloroethylene (TCE)		U		N	
LRB-03-2-20-17	17B0911-02	Trichlorofluoromethane		U		N	
LRB-03-2-20-17	17B0911-02	Vinyl Chloride		U		N	
LRB-03-2-20-17	17B0911-02	1,2,4,5-Tetrachlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2,4-Trichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,2-Diphenylhydrazine		U		N	
LRB-03-2-20-17	17B0911-02	1,3-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,4-Dichlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	1,4-Dichlorobenzene-D4	40			N	
LRB-03-2-20-17	17B0911-02	1-Methylnaphthalene		U		N	
LRB-03-2-20-17	17B0911-02	2,4,5-Trichlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4,6-Tribromophenol	88.7			N	
LRB-03-2-20-17	17B0911-02	2,4,6-Trichlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4-Dichlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4-Dimethylphenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4-Dinitrophenol		U		N	
LRB-03-2-20-17	17B0911-02	2,4-Dinitrotoluene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-03-2-20-17	17B0911-02	2,6-Dinitrotoluene		U		N	
LRB-03-2-20-17	17B0911-02	2-Chloronaphthalene		U		N	
LRB-03-2-20-17	17B0911-02	2-Chlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	2-Fluorobiphenyl	77.8			N	
LRB-03-2-20-17	17B0911-02	2-Fluorophenol	53.2			N	
LRB-03-2-20-17	17B0911-02	2-Methylnaphthalene		U		N	
LRB-03-2-20-17	17B0911-02	2-Methylphenol (O-Cresol)		U		N	
LRB-03-2-20-17	17B0911-02	2-Nitroaniline		U		N	
LRB-03-2-20-17	17B0911-02	2-Nitrophenol		U		N	
LRB-03-2-20-17	17B0911-02	3- And 4- Methylphenol (Total)		U		N	
LRB-03-2-20-17	17B0911-02	3,3'-Dichlorobenzidine		U		N	
LRB-03-2-20-17	17B0911-02	3-Nitroaniline		U		N	
LRB-03-2-20-17	17B0911-02	4,6-Dinitro-2-Methylphenol		U		N	
LRB-03-2-20-17	17B0911-02	4-Bromophenyl Phenyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	4-Chloro-3-Methylphenol		U		N	
LRB-03-2-20-17	17B0911-02	4-Chloroaniline		U		N	
LRB-03-2-20-17	17B0911-02	4-Chlorophenyl Phenyl Ether		U		N	
LRB-03-2-20-17	17B0911-02	4-Nitroaniline		U		N	
LRB-03-2-20-17	17B0911-02	4-Nitrophenol		U		N	
LRB-03-2-20-17	17B0911-02	Acenaphthene		U		N	
LRB-03-2-20-17	17B0911-02	Acenaphthene-D10	40			N	
LRB-03-2-20-17	17B0911-02	Acenaphthylene		U		N	
LRB-03-2-20-17	17B0911-02	Acetophenone		U		N	
LRB-03-2-20-17	17B0911-02	Aniline		U		N	
LRB-03-2-20-17	17B0911-02	Anthracene		U		N	
LRB-03-2-20-17	17B0911-02	Benzidine		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(A)Anthracene		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(A)Pyrene		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(B)Fluoranthene		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(G,H,I)Perylene		U		N	
LRB-03-2-20-17	17B0911-02	Benzo(K)Fluoranthene		U		N	
LRB-03-2-20-17	17B0911-02	Benzoic Acid		U		N	
LRB-03-2-20-17	17B0911-02	Benzyl Butyl Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Bis(2-Chloroethoxy) Methane		U		N	
LRB-03-2-20-17	17B0911-02	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LRB-03-2-20-17	17B0911-02	Bis(2-Chloroisopropyl) Ether		U		N	
LRB-03-2-20-17	17B0911-02	Bis(2-Ethylhexyl) Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Carbazole		U		N	
LRB-03-2-20-17	17B0911-02	Chrysene		U		N	
LRB-03-2-20-17	17B0911-02	Chrysene-D12	40			N	
LRB-03-2-20-17	17B0911-02	Dibenz(A,H)Anthracene		U		N	
LRB-03-2-20-17	17B0911-02	Dibenzofuran		U		N	
LRB-03-2-20-17	17B0911-02	Diethyl Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Dimethyl Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Di-N-Butyl Phthalate		U		N	
LRB-03-2-20-17	17B0911-02	Di-N-Octylphthalate		U		N	
LRB-03-2-20-17	17B0911-02	Fluoranthene		U		N	
LRB-03-2-20-17	17B0911-02	Fluorene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorobutadiene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachlorocyclopentadiene		U		N	
LRB-03-2-20-17	17B0911-02	Hexachloroethane		U		N	
LRB-03-2-20-17	17B0911-02	Indeno(1,2,3-C,D)Pyrene		U		N	
LRB-03-2-20-17	17B0911-02	Isophorone		U		N	
LRB-03-2-20-17	17B0911-02	Naphthalene		U		N	
LRB-03-2-20-17	17B0911-02	Naphthalene-D8	40			N	
LRB-03-2-20-17	17B0911-02	Nitrobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Nitrobenzene-D5	77.9			N	
LRB-03-2-20-17	17B0911-02	N-Nitrosodimethylamine		U		N	
LRB-03-2-20-17	17B0911-02	N-Nitrosodi-N-Propylamine		U		N	
LRB-03-2-20-17	17B0911-02	N-Nitrosodiphenylamine		U		N	
LRB-03-2-20-17	17B0911-02	Pentachloronitrobenzene		U		N	
LRB-03-2-20-17	17B0911-02	Pentachlorophenol		U		N	
LRB-03-2-20-17	17B0911-02	Perylene-D12	40			N	
LRB-03-2-20-17	17B0911-02	Phenanthrene		U		N	

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LRB-03-2-20-17	17B0911-02	Phenanthrene-D10	40			N	
LRB-03-2-20-17	17B0911-02	Phenol		U		N	
LRB-03-2-20-17	17B0911-02	Phenol-D6	36			N	
LRB-03-2-20-17	17B0911-02	Pyrene		U		N	
LRB-03-2-20-17	17B0911-02	Pyridine		U		N	
LRB-03-2-20-17	17B0911-02	Terphenyl-D14	87.8			N	
LRB-03-2-20-17	17B0911-02	Cyanide		U		N	
VOC TRIP BLANK	17B0911-03	1,1,1,2-Tetrachloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1,1-Trichloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1,2,2-Tetrachloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1,2-Trichloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1-Dichloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,1-Dichloroethene		U		N	
VOC TRIP BLANK	17B0911-03	1,1-Dichloropropene		U		N	
VOC TRIP BLANK	17B0911-03	1,2,3-Trichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,2,3-Trichloropropane		U		N	
VOC TRIP BLANK	17B0911-03	1,2,4-Trichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,2,4-Trimethylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dibromo-3-Chloropropane		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dichloroethane		U		N	
VOC TRIP BLANK	17B0911-03	1,2-Dichloroethane-D4	101			N	
VOC TRIP BLANK	17B0911-03	1,2-Dichloropropane		U		N	
VOC TRIP BLANK	17B0911-03	1,3,5-Trichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
VOC TRIP BLANK	17B0911-03	1,3-Dichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,3-Dichloropropane		U		N	
VOC TRIP BLANK	17B0911-03	1,4-Dichlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	1,4-Dichlorobenzene-D4	30			N	
VOC TRIP BLANK	17B0911-03	1,4-Difluorobenzene	30			N	
VOC TRIP BLANK	17B0911-03	1,4-Dioxane (P-Dioxane)		U		N	
VOC TRIP BLANK	17B0911-03	2,2-Dichloropropane		U		N	
VOC TRIP BLANK	17B0911-03	2-Chlorotoluene		U		N	
VOC TRIP BLANK	17B0911-03	2-Hexanone		U		N	
VOC TRIP BLANK	17B0911-03	2-Methoxy-2-Methylbutane		U		N	
VOC TRIP BLANK	17B0911-03	4-Chlorotoluene		U		N	
VOC TRIP BLANK	17B0911-03	Acetone		U		N	
VOC TRIP BLANK	17B0911-03	Acrylonitrile		U		N	
VOC TRIP BLANK	17B0911-03	Benzene		U		N	
VOC TRIP BLANK	17B0911-03	Bromobenzene		U		N	
VOC TRIP BLANK	17B0911-03	Bromochloromethane		U		N	
VOC TRIP BLANK	17B0911-03	Bromodichloromethane		U		N	
VOC TRIP BLANK	17B0911-03	Bromoform		U		N	
VOC TRIP BLANK	17B0911-03	Bromomethane		U		N	
VOC TRIP BLANK	17B0911-03	Carbon Disulfide		U		N	
VOC TRIP BLANK	17B0911-03	Carbon Tetrachloride		U		N	
VOC TRIP BLANK	17B0911-03	Chlorobenzene		U		N	
VOC TRIP BLANK	17B0911-03	Chlorobenzene-D5	30			N	
VOC TRIP BLANK	17B0911-03	Chloroethane		U		N	
VOC TRIP BLANK	17B0911-03	Chloroform		U		N	
VOC TRIP BLANK	17B0911-03	Chloromethane		U		N	
VOC TRIP BLANK	17B0911-03	Cis-1,2-Dichloroethylene		U		N	
VOC TRIP BLANK	17B0911-03	Cis-1,3-Dichloropropene		U		N	
VOC TRIP BLANK	17B0911-03	Cyclohexane		U		N	
VOC TRIP BLANK	17B0911-03	Cymene		U		N	
VOC TRIP BLANK	17B0911-03	Dibromochloromethane		U		N	
VOC TRIP BLANK	17B0911-03	Dibromomethane		U		N	
VOC TRIP BLANK	17B0911-03	Dichlorodifluoromethane		U		N	
VOC TRIP BLANK	17B0911-03	Diethyl Ether (Ethyl Ether)		U		N	
VOC TRIP BLANK	17B0911-03	Ethyl Tert-Butyl Ether		U		N	
VOC TRIP BLANK	17B0911-03	Ethylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	Hexachlorobutadiene		U		N	
VOC TRIP BLANK	17B0911-03	Isopropyl Ether		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
VOC TRIP BLANK	17B0911-03	Isopropylbenzene (Cumene)		U		N	
VOC TRIP BLANK	17B0911-03	m,p-Xylene		U		N	
VOC TRIP BLANK	17B0911-03	Methyl Acetate		U		N	
VOC TRIP BLANK	17B0911-03	Methyl Ethyl Ketone (2-Butanone)		U		N	
VOC TRIP BLANK	17B0911-03	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
VOC TRIP BLANK	17B0911-03	Methylcyclohexane		U		N	
VOC TRIP BLANK	17B0911-03	Methylene Chloride		U		N	
VOC TRIP BLANK	17B0911-03	Naphthalene		U		N	
VOC TRIP BLANK	17B0911-03	N-Butylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	N-Propylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	O-Xylene (1,2-Dimethylbenzene)		U		N	
VOC TRIP BLANK	17B0911-03	p-Bromofluorobenzene	92.8			N	
VOC TRIP BLANK	17B0911-03	Pentafluorobenzene	30			N	
VOC TRIP BLANK	17B0911-03	Sec-Butylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	Styrene		U		N	
VOC TRIP BLANK	17B0911-03	T-Butylbenzene		U		N	
VOC TRIP BLANK	17B0911-03	Tert-Butyl Alcohol		U		N	
VOC TRIP BLANK	17B0911-03	Tert-Butyl Methyl Ether		U		N	
VOC TRIP BLANK	17B0911-03	Tetrachloroethylene (PCE)		U		N	
VOC TRIP BLANK	17B0911-03	Tetrahydrofuran		U		N	
VOC TRIP BLANK	17B0911-03	Toluene		U		N	
VOC TRIP BLANK	17B0911-03	Toluene-D8	100			N	
VOC TRIP BLANK	17B0911-03	Trans-1,2-Dichloroethene		U		N	
VOC TRIP BLANK	17B0911-03	Trans-1,3-Dichloropropene		U		N	
VOC TRIP BLANK	17B0911-03	Trans-1,4-Dichloro-2-Butene		U		N	
VOC TRIP BLANK	17B0911-03	Trichloroethylene (TCE)		U		N	
VOC TRIP BLANK	17B0911-03	Trichlorofluoromethane		U		N	
VOC TRIP BLANK	17B0911-03	Vinyl Chloride		U		N	
LW-05-COMP1-0-6'	17B0911-04	Arsenic	4.4			N	
LW-05-COMP1-0-6'	17B0911-04	Arsenic	0.011			N	
LW-05-COMP1-0-6'	17B0911-04	Barium	130			N	
LW-05-COMP1-0-6'	17B0911-04	Barium	0.34			N	
LW-05-COMP1-0-6'	17B0911-04	Cadmium	1.7			N	
LW-05-COMP1-0-6'	17B0911-04	Cadmium	0.0051			N	
LW-05-COMP1-0-6'	17B0911-04	Chromium, Total	39			N	
LW-05-COMP1-0-6'	17B0911-04	Chromium, Total		U		N	
LW-05-COMP1-0-6'	17B0911-04	Lead	700			N	
LW-05-COMP1-0-6'	17B0911-04	Lead	0.47			N	
LW-05-COMP1-0-6'	17B0911-04	Mercury	0.00028			N	
LW-05-COMP1-0-6'	17B0911-04	Selenium	5.5	J		N	
LW-05-COMP1-0-6'	17B0911-04	Selenium		U		N	
LW-05-COMP1-0-6'	17B0911-04	Silver		U		N	
LW-05-COMP1-0-6'	17B0911-04	Silver		U		N	
LW-05-COMP1-0-6'	17B0911-04	Arsenic		U		N	
LW-05-COMP1-0-6'	17B0911-04	Barium	220	D		N	
LW-05-COMP1-0-6'	17B0911-04	Cadmium		U		N	
LW-05-COMP1-0-6'	17B0911-04	Chromium, Total		U		N	
LW-05-COMP1-0-6'	17B0911-04	Lead	52	D		N	
LW-05-COMP1-0-6'	17B0911-04	Selenium		U		N	
LW-05-COMP1-0-6'	17B0911-04	Silver		U		N	
LW-05-COMP1-0-6'	17B0911-04	Mercury	0.00017			N	
LW-05-COMP1-0-6'	17B0911-04	Mercury	0.45			N	
LW-05-COMP1-0-6'	17B0911-04	Solids, Percent	80.1			N	
LW-06-COMP1-0-4'	17B0911-05	Aluminum	3100			N	
LW-06-COMP1-0-4'	17B0911-05	Antimony		U		N	
LW-06-COMP1-0-4'	17B0911-05	Arsenic		U		N	
LW-06-COMP1-0-4'	17B0911-05	Barium	34			N	
LW-06-COMP1-0-4'	17B0911-05	Beryllium	0.29			N	
LW-06-COMP1-0-4'	17B0911-05	Cadmium	0.56			N	
LW-06-COMP1-0-4'	17B0911-05	Calcium	13000			N	
LW-06-COMP1-0-4'	17B0911-05	Chromium, Total	15			N	
LW-06-COMP1-0-4'	17B0911-05	Cobalt		U		N	
LW-06-COMP1-0-4'	17B0911-05	Copper	28			N	
LW-06-COMP1-0-4'	17B0911-05	Iron	19000			N	
LW-06-COMP1-0-4'	17B0911-05	Lead	15			N	

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LW-06-COMP1-0-4'	17B0911-05	Magnesium	4100			N	
LW-06-COMP1-0-4'	17B0911-05	Manganese	470			N	
LW-06-COMP1-0-4'	17B0911-05	Nickel	15			N	
LW-06-COMP1-0-4'	17B0911-05	Potassium	470			N	
LW-06-COMP1-0-4'	17B0911-05	Selenium	3.9	J		N	
LW-06-COMP1-0-4'	17B0911-05	Silver		U		N	
LW-06-COMP1-0-4'	17B0911-05	Sodium	380			N	
LW-06-COMP1-0-4'	17B0911-05	Thallium		U		N	
LW-06-COMP1-0-4'	17B0911-05	Vanadium	8.3			N	
LW-06-COMP1-0-4'	17B0911-05	Zinc	41			N	
LW-06-COMP1-0-4'	17B0911-05	Mercury		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4,5,6-Tetrachloro-Meta-Xylene	76.5			N	
LW-06-COMP1-0-4'	17B0911-05	Decachlorobiphenyl (PCB 209)	71.8			N	
LW-06-COMP1-0-4'	17B0911-05	Endrin Aldehyde		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4,5,6-Tetrachloro-Meta-Xylene	77.2			N	
LW-06-COMP1-0-4'	17B0911-05	Decachlorobiphenyl (PCB 209)	77.8			N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1016 (Aroclor 1016)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1221 (Aroclor 1221)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1232 (Aroclor 1232)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1242 (Aroclor 1242)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1248 (Aroclor 1248)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1254 (Aroclor 1254)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1260 (Aroclor 1260)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1262 (Aroclor 1262)		U		N	
LW-06-COMP1-0-4'	17B0911-05	PCB-1268 (Aroclor 1268)		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,2,4,5-Tetrachlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,2,4-Trichlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,2-Dichlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,2-Diphenylhydrazine		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,3-Dichlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,4-Dichlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	1,4-Dichlorobenzene-D4	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	1-Methylnaphthalene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4,5-Trichlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4,6-Tribromophenol	54.6			N	
LW-06-COMP1-0-4'	17B0911-05	2,4,6-Trichlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4-Dichlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4-Dimethylphenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4-Dinitrophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,4-Dinitrotoluene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2,6-Dinitrotoluene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Chloronaphthalene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Chlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Fluorobiphenyl	75.6			N	
LW-06-COMP1-0-4'	17B0911-05	2-Fluorophenol	57.6			N	
LW-06-COMP1-0-4'	17B0911-05	2-Methylnaphthalene		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Methylphenol (O-Cresol)		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Nitroaniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	2-Nitrophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	3- And 4- Methylphenol (Total)		U		N	
LW-06-COMP1-0-4'	17B0911-05	3,3'-Dichlorobenzidine		U		N	
LW-06-COMP1-0-4'	17B0911-05	3-Nitroaniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	4,6-Dinitro-2-Methylphenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Bromophenyl Phenyl Ether		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Chloro-3-Methylphenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Chloroaniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Chlorophenyl Phenyl Ether		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Nitroaniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	4-Nitrophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	Acenaphthene	0.21			N	
LW-06-COMP1-0-4'	17B0911-05	Acenaphthene-D10	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Acenaphthylene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Acetophenone		U		N	
LW-06-COMP1-0-4'	17B0911-05	Aniline		U		N	
LW-06-COMP1-0-4'	17B0911-05	Anthracene	0.32			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-06-COMP1-0-4'	17B0911-05	Benzidine		U		N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(A)Anthracene	0.59			N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(A)Pyrene	0.32			N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(B)Fluoranthene	0.53			N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(G,H,I)Perylene	0.19			N	
LW-06-COMP1-0-4'	17B0911-05	Benzo(K)Fluoranthene	0.21			N	
LW-06-COMP1-0-4'	17B0911-05	Benzoic Acid		U		N	
LW-06-COMP1-0-4'	17B0911-05	Benzyl Butyl Phthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Bis(2-Chloroethoxy) Methane		U		N	
LW-06-COMP1-0-4'	17B0911-05	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LW-06-COMP1-0-4'	17B0911-05	Bis(2-Chloroisopropyl) Ether		U		N	
LW-06-COMP1-0-4'	17B0911-05	Bis(2-Ethylhexyl) Phthalate	0.35			N	
LW-06-COMP1-0-4'	17B0911-05	Carbazole	0.26			N	
LW-06-COMP1-0-4'	17B0911-05	Chrysene	0.59			N	
LW-06-COMP1-0-4'	17B0911-05	Chrysene-D12	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Dibenz(A,H)Anthracene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Dibenzofuran		U		N	
LW-06-COMP1-0-4'	17B0911-05	Diethyl Phthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Dimethyl Phthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Di-N-Butyl Phthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Di-N-Octylphthalate		U		N	
LW-06-COMP1-0-4'	17B0911-05	Fluoranthene	1.8			N	
LW-06-COMP1-0-4'	17B0911-05	Fluorene	0.22			N	
LW-06-COMP1-0-4'	17B0911-05	Hexachlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Hexachlorobutadiene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Hexachlorocyclopentadiene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Hexachloroethane		U		N	
LW-06-COMP1-0-4'	17B0911-05	Indeno(1,2,3-C,D)Pyrene	0.18			N	
LW-06-COMP1-0-4'	17B0911-05	Isophorone		U		N	
LW-06-COMP1-0-4'	17B0911-05	Naphthalene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Naphthalene-D8	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Nitrobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Nitrobenzene-D5	61.5			N	
LW-06-COMP1-0-4'	17B0911-05	N-Nitrosodimethylamine		U		N	
LW-06-COMP1-0-4'	17B0911-05	N-Nitrosodi-N-Propylamine		U		N	
LW-06-COMP1-0-4'	17B0911-05	N-Nitrosodiphenylamine		U		N	
LW-06-COMP1-0-4'	17B0911-05	Pentachloronitrobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05	Pentachlorophenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	Perylene-D12	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Phenanthrene	2.5			N	
LW-06-COMP1-0-4'	17B0911-05	Phenanthrene-D10	1.4			N	
LW-06-COMP1-0-4'	17B0911-05	Phenol		U		N	
LW-06-COMP1-0-4'	17B0911-05	Phenol-D6	62.4			N	
LW-06-COMP1-0-4'	17B0911-05	Pyrene	1.5			N	
LW-06-COMP1-0-4'	17B0911-05	Pyridine		U		N	
LW-06-COMP1-0-4'	17B0911-05	Terphenyl-D14	73.1			N	
LW-06-COMP1-0-4'	17B0911-05	Solids, Percent	96.9			N	
LW-06-COMP1-0-4'	17B0911-05	Cyanide	0.9			N	
LW-06-COMP1-0-4'	17B0911-05RE1	2,4,5,6-Tetrachloro-Meta-Xylene	79			N	
LW-06-COMP1-0-4'	17B0911-05RE1	Alachlor		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Aldrin		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Alpha Endosulfan		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Beta Endosulfan		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Chlordane		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Decachlorobiphenyl (PCB 209)	73.1			N	
LW-06-COMP1-0-4'	17B0911-05RE1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Dieldrin		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Endosulfan Sulfate		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Endrin		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Endrin Ketone		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Gamma Bhc (Lindane)		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Heptachlor		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Heptachlor Epoxide		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-06-COMP1-0-4'	17B0911-05RE1	Hexachlorobenzene		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	Methoxychlor		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	P,P'-DDD		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	P,P'-DDE		U		N	
LW-06-COMP1-0-4'	17B0911-05RE1	P,P'-DDT	0.0018			N	
LW-06-COMP1-0-4'	17B0911-05RE1	Toxaphene		U		N	
LW-06-2-4'	17B0911-06	1,1,1,2-Tetrachloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1,1-Trichloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1,2,2-Tetrachloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
LW-06-2-4'	17B0911-06	1,1,2-Trichloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1-Dichloroethane		U		N	
LW-06-2-4'	17B0911-06	1,1-Dichloroethene		U		N	
LW-06-2-4'	17B0911-06	1,1-Dichloropropene		U		N	
LW-06-2-4'	17B0911-06	1,2,3-Trichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,2,3-Trichloropropane		U		N	
LW-06-2-4'	17B0911-06	1,2,4-Trichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,2,4-Trimethylbenzene		U		N	
LW-06-2-4'	17B0911-06	1,2-Dibromo-3-Chloropropane		U		N	
LW-06-2-4'	17B0911-06	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LW-06-2-4'	17B0911-06	1,2-Dichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,2-Dichloroethane		U		N	
LW-06-2-4'	17B0911-06	1,2-Dichloroethane-D4	97.2			N	
LW-06-2-4'	17B0911-06	1,2-Dichloropropane		U		N	
LW-06-2-4'	17B0911-06	1,3,5-Trichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LW-06-2-4'	17B0911-06	1,3-Dichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,3-Dichloropropane		U		N	
LW-06-2-4'	17B0911-06	1,4-Dichlorobenzene		U		N	
LW-06-2-4'	17B0911-06	1,4-Dichlorobenzene-D4	0.071			N	
LW-06-2-4'	17B0911-06	1,4-Difluorobenzene	0.071			N	
LW-06-2-4'	17B0911-06	1,4-Dioxane (P-Dioxane)		U		N	
LW-06-2-4'	17B0911-06	2,2-Dichloropropane		U		N	
LW-06-2-4'	17B0911-06	2-Chlorotoluene		U		N	
LW-06-2-4'	17B0911-06	2-Hexanone		U		N	
LW-06-2-4'	17B0911-06	2-Methoxy-2-Methylbutane		U		N	
LW-06-2-4'	17B0911-06	4-Chlorotoluene		U		N	
LW-06-2-4'	17B0911-06	Acetone	53	E		N	
LW-06-2-4'	17B0911-06	Acrylonitrile		U		N	
LW-06-2-4'	17B0911-06	Benzene		U		N	
LW-06-2-4'	17B0911-06	Bromobenzene		U		N	
LW-06-2-4'	17B0911-06	Bromochloromethane		U		N	
LW-06-2-4'	17B0911-06	Bromodichloromethane		U		N	
LW-06-2-4'	17B0911-06	Bromoform		U		N	
LW-06-2-4'	17B0911-06	Bromomethane		U		N	
LW-06-2-4'	17B0911-06	Carbon Disulfide		U		N	
LW-06-2-4'	17B0911-06	Carbon Tetrachloride		U		N	
LW-06-2-4'	17B0911-06	Chlorobenzene		U		N	
LW-06-2-4'	17B0911-06	Chlorobenzene-D5	0.071			N	
LW-06-2-4'	17B0911-06	Chloroethane		U		N	
LW-06-2-4'	17B0911-06	Chloroform		U		N	
LW-06-2-4'	17B0911-06	Chloromethane		U		N	
LW-06-2-4'	17B0911-06	Cis-1,2-Dichloroethylene		U		N	
LW-06-2-4'	17B0911-06	Cis-1,3-Dichloropropene		U		N	
LW-06-2-4'	17B0911-06	Cyclohexane		U		N	
LW-06-2-4'	17B0911-06	Cymene		U		N	
LW-06-2-4'	17B0911-06	Dibromochloromethane		U		N	
LW-06-2-4'	17B0911-06	Dibromomethane		U		N	
LW-06-2-4'	17B0911-06	Dichlorodifluoromethane		U		N	
LW-06-2-4'	17B0911-06	Diethyl Ether (Ethyl Ether)		U		N	
LW-06-2-4'	17B0911-06	Ethyl Tert-Butyl Ether		U		N	
LW-06-2-4'	17B0911-06	Ethylbenzene		U		N	
LW-06-2-4'	17B0911-06	Hexachlorobutadiene		U		N	
LW-06-2-4'	17B0911-06	Isopropyl Ether		U		N	
LW-06-2-4'	17B0911-06	Isopropylbenzene (Cumene)		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-06-2-4'	17B0911-06	m,p-Xylene		U		N	
LW-06-2-4'	17B0911-06	Methyl Acetate		U		N	
LW-06-2-4'	17B0911-06	Methyl Ethyl Ketone (2-Butanone)		U		N	
LW-06-2-4'	17B0911-06	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LW-06-2-4'	17B0911-06	Methylcyclohexane		U		N	
LW-06-2-4'	17B0911-06	Methylene Chloride		U		N	
LW-06-2-4'	17B0911-06	Naphthalene		U		N	
LW-06-2-4'	17B0911-06	N-Butylbenzene		U		N	
LW-06-2-4'	17B0911-06	N-Propylbenzene		U		N	
LW-06-2-4'	17B0911-06	O-Xylene (1,2-Dimethylbenzene)		U		N	
LW-06-2-4'	17B0911-06	p-Bromofluorobenzene	92.8			N	
LW-06-2-4'	17B0911-06	Pentafluorobenzene	0.071			N	
LW-06-2-4'	17B0911-06	Sec-Butylbenzene		U		N	
LW-06-2-4'	17B0911-06	Styrene		U		N	
LW-06-2-4'	17B0911-06	T-Butylbenzene		U		N	
LW-06-2-4'	17B0911-06	Tert-Butyl Alcohol		U		N	
LW-06-2-4'	17B0911-06	Tert-Butyl Methyl Ether		U		N	
LW-06-2-4'	17B0911-06	Tetrachloroethylene (PCE)	0.0029			N	
LW-06-2-4'	17B0911-06	Tetrahydrofuran		U		N	
LW-06-2-4'	17B0911-06	Toluene	0.0036			N	
LW-06-2-4'	17B0911-06	Toluene-D8	97.3			N	
LW-06-2-4'	17B0911-06	Trans-1,2-Dichloroethene		U		N	
LW-06-2-4'	17B0911-06	Trans-1,3-Dichloropropene		U		N	
LW-06-2-4'	17B0911-06	Trans-1,4-Dichloro-2-Butene		U		N	
LW-06-2-4'	17B0911-06	Trichloroethylene (TCE)		U		N	
LW-06-2-4'	17B0911-06	Trichlorofluoromethane		U		N	
LW-06-2-4'	17B0911-06	Vinyl Chloride		U		N	
LW-06-2-4'	17B0911-06	Solids, Percent	77.5			N	
LW-03-COMP1-4-8'	17B0911-07	Aluminum	5000			N	
LW-03-COMP1-4-8'	17B0911-07	Antimony	3.5			N	
LW-03-COMP1-4-8'	17B0911-07	Arsenic	9.9			N	
LW-03-COMP1-4-8'	17B0911-07	Barium	88			N	
LW-03-COMP1-4-8'	17B0911-07	Beryllium	0.49			N	
LW-03-COMP1-4-8'	17B0911-07	Cadmium	1.2			N	
LW-03-COMP1-4-8'	17B0911-07	Calcium	30000			N	
LW-03-COMP1-4-8'	17B0911-07	Chromium, Total	120			N	
LW-03-COMP1-4-8'	17B0911-07	Cobalt	4			N	
LW-03-COMP1-4-8'	17B0911-07	Copper	43			N	
LW-03-COMP1-4-8'	17B0911-07	Iron	5800			N	
LW-03-COMP1-4-8'	17B0911-07	Lead	93			N	
LW-03-COMP1-4-8'	17B0911-07	Magnesium	6600			N	
LW-03-COMP1-4-8'	17B0911-07	Manganese	2800			N	
LW-03-COMP1-4-8'	17B0911-07	Nickel	16			N	
LW-03-COMP1-4-8'	17B0911-07	Potassium	600			N	
LW-03-COMP1-4-8'	17B0911-07	Selenium	3.7	J		N	
LW-03-COMP1-4-8'	17B0911-07	Silver		U		N	
LW-03-COMP1-4-8'	17B0911-07	Sodium	160			N	
LW-03-COMP1-4-8'	17B0911-07	Thallium		U		N	
LW-03-COMP1-4-8'	17B0911-07	Vanadium	61			N	
LW-03-COMP1-4-8'	17B0911-07	Zinc	140			N	
LW-03-COMP1-4-8'	17B0911-07	Mercury	0.098			N	
LW-03-COMP1-4-8'	17B0911-07	2,4,5,6-Tetrachloro-Meta-Xylene	72.9			N	
LW-03-COMP1-4-8'	17B0911-07	Decachlorobiphenyl (PCB 209)	75			N	
LW-03-COMP1-4-8'	17B0911-07	Endrin Aldehyde		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4,5,6-Tetrachloro-Meta-Xylene	65			N	
LW-03-COMP1-4-8'	17B0911-07	Decachlorobiphenyl (PCB 209)	67.3			N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1016 (Aroclor 1016)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1221 (Aroclor 1221)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1232 (Aroclor 1232)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1242 (Aroclor 1242)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1248 (Aroclor 1248)	0.13	D		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1254 (Aroclor 1254)	0.5	D		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1260 (Aroclor 1260)	0.12	D		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1262 (Aroclor 1262)		U		N	
LW-03-COMP1-4-8'	17B0911-07	PCB-1268 (Aroclor 1268)		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03-COMP1-4-8'	17B0911-07	1,1,1,2-Tetrachloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1,1-Trichloroethane	0.002			N	
LW-03-COMP1-4-8'	17B0911-07	1,1,2,2-Tetrachloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1,2-Trichloro-1,1,2-Trifluoroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1,2-Trichloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1-Dichloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1-Dichloroethene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,1-Dichloropropene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,3-Trichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,3-Trichloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,4-Trichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,4-Trimethylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dibromo-3-Chloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichloroethane-D4	100			N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3,5-Trichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3-Dichloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dichlorobenzene-D4	0.059			N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Difluorobenzene	0.059			N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dioxane (P-Dioxane)		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,2-Dichloropropane		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Chlorotoluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Hexanone		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Methoxy-2-Methylbutane		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Chlorotoluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Acetone	2.8	E		N	
LW-03-COMP1-4-8'	17B0911-07	Acrylonitrile		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromochloromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromodichloromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromoform		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bromomethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Carbon Disulfide		U		N	
LW-03-COMP1-4-8'	17B0911-07	Carbon Tetrachloride		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chlorobenzene-D5	0.059			N	
LW-03-COMP1-4-8'	17B0911-07	Chloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chloroform		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chloromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Cis-1,2-Dichloroethylene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Cis-1,3-Dichloropropene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Cyclohexane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Cymene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dibromochloromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dibromomethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dichlorodifluoromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Diethyl Ether (Ethyl Ether)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Ethyl Tert-Butyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	Ethylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachlorobutadiene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Isopropyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	Isopropylbenzene (Cumene)		U		N	
LW-03-COMP1-4-8'	17B0911-07	m,p-Xylene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methyl Acetate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methyl Ethyl Ketone (2-Butanone)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methylcyclohexane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Methylene Chloride		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03-COMP1-4-8'	17B0911-07	Naphthalene		U		N	
LW-03-COMP1-4-8'	17B0911-07	N-Butylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	N-Propylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	O-Xylene (1,2-Dimethylbenzene)		U		N	
LW-03-COMP1-4-8'	17B0911-07	p-Bromofluorobenzene	88.9			N	
LW-03-COMP1-4-8'	17B0911-07	Pentafluorobenzene	0.059			N	
LW-03-COMP1-4-8'	17B0911-07	Sec-Butylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Styrene		U		N	
LW-03-COMP1-4-8'	17B0911-07	T-Butylbenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Tert-Butyl Alcohol		U		N	
LW-03-COMP1-4-8'	17B0911-07	Tert-Butyl Methyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	Tetrachloroethylene (PCE)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Tetrahydrofuran		U		N	
LW-03-COMP1-4-8'	17B0911-07	Toluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Toluene-D8	98.4			N	
LW-03-COMP1-4-8'	17B0911-07	Trans-1,2-Dichloroethene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Trans-1,3-Dichloropropene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Trans-1,4-Dichloro-2-Butene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Trichloroethylene (TCE)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Trichlorofluoromethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Vinyl Chloride		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,4,5-Tetrachlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2,4-Trichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,2-Diphenylhydrazine		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,3-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dichlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	1,4-Dichlorobenzene-D4	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	1-Methylnaphthalene	0.68			N	
LW-03-COMP1-4-8'	17B0911-07	2,4,5-Trichlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4,6-Tribromophenol	18.8			N	
LW-03-COMP1-4-8'	17B0911-07	2,4,6-Trichlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4-Dichlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4-Dimethylphenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4-Dinitrophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,4-Dinitrotoluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	2,6-Dinitrotoluene		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Chloronaphthalene		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Chlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Fluorobiphenyl	71.6			N	
LW-03-COMP1-4-8'	17B0911-07	2-Fluorophenol	51.7			N	
LW-03-COMP1-4-8'	17B0911-07	2-Methylnaphthalene	0.89			N	
LW-03-COMP1-4-8'	17B0911-07	2-Methylphenol (O-Cresol)		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Nitroaniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	2-Nitrophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	3- And 4- Methylphenol (Total)		U		N	
LW-03-COMP1-4-8'	17B0911-07	3,3'-Dichlorobenzidine		U		N	
LW-03-COMP1-4-8'	17B0911-07	3-Nitroaniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	4,6-Dinitro-2-Methylphenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Bromophenyl Phenyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Chloro-3-Methylphenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Chloroaniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Chlorophenyl Phenyl Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Nitroaniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	4-Nitrophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	Acenaphthene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Acenaphthene-D10	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Acenaphthylene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Acetophenone		U		N	
LW-03-COMP1-4-8'	17B0911-07	Aniline		U		N	
LW-03-COMP1-4-8'	17B0911-07	Anthracene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzidine		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzo(A)Anthracene	0.44			N	
LW-03-COMP1-4-8'	17B0911-07	Benzo(A)Pyrene	0.4			N	
LW-03-COMP1-4-8'	17B0911-07	Benzo(B)Fluoranthene	0.51			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03-COMP1-4-8'	17B0911-07	Benzo(G,H,I)Perylene	0.25			N	
LW-03-COMP1-4-8'	17B0911-07	Benzo(K)Fluoranthene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzoic Acid		U		N	
LW-03-COMP1-4-8'	17B0911-07	Benzyl Butyl Phthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bis(2-Chloroethoxy) Methane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bis(2-Chloroisopropyl) Ether		U		N	
LW-03-COMP1-4-8'	17B0911-07	Bis(2-Ethylhexyl) Phthalate	0.8			N	
LW-03-COMP1-4-8'	17B0911-07	Carbazole		U		N	
LW-03-COMP1-4-8'	17B0911-07	Chrysene	0.44			N	
LW-03-COMP1-4-8'	17B0911-07	Chrysene-D12	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Dibenz(A,H)Anthracene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dibenzofuran		U		N	
LW-03-COMP1-4-8'	17B0911-07	Diethyl Phthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Dimethyl Phthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Di-N-Butyl Phthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Di-N-Octylphthalate		U		N	
LW-03-COMP1-4-8'	17B0911-07	Fluoranthene	0.66			N	
LW-03-COMP1-4-8'	17B0911-07	Fluorene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachlorobutadiene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachlorocyclopentadiene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Hexachloroethane		U		N	
LW-03-COMP1-4-8'	17B0911-07	Indeno(1,2,3-C,D)Pyrene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Isophorone		U		N	
LW-03-COMP1-4-8'	17B0911-07	Naphthalene	0.45			N	
LW-03-COMP1-4-8'	17B0911-07	Naphthalene-D8	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Nitrobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Nitrobenzene-D5	57.7			N	
LW-03-COMP1-4-8'	17B0911-07	N-Nitrosodimethylamine		U		N	
LW-03-COMP1-4-8'	17B0911-07	N-Nitrosodi-N-Propylamine		U		N	
LW-03-COMP1-4-8'	17B0911-07	N-Nitrosodiphenylamine		U		N	
LW-03-COMP1-4-8'	17B0911-07	Pentachloronitrobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07	Pentachlorophenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	Perylene-D12	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Phenanthrene	0.75			N	
LW-03-COMP1-4-8'	17B0911-07	Phenanthrene-D10	1.4			N	
LW-03-COMP1-4-8'	17B0911-07	Phenol		U		N	
LW-03-COMP1-4-8'	17B0911-07	Phenol-D6	58			N	
LW-03-COMP1-4-8'	17B0911-07	Pyrene	1.3			N	
LW-03-COMP1-4-8'	17B0911-07	Pyridine		U		N	
LW-03-COMP1-4-8'	17B0911-07	Terphenyl-D14	71			N	
LW-03-COMP1-4-8'	17B0911-07	Solids, Percent	93.6			N	
LW-03-COMP1-4-8'	17B0911-07	Cyanide		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	2,4,5,6-Tetrachloro-Meta-Xylene	78.5			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Alachlor		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Aldrin		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Alpha Endosulfan		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Beta Endosulfan		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Chlordane	0.056			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Decachlorobiphenyl (PCB 209)	77.7			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Dieldrin	0.023			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Endosulfan Sulfate		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Endrin		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Endrin Ketone		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Gamma Bhc (Lindane)		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Heptachlor		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Heptachlor Epoxide		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Hexachlorobenzene		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	Methoxychlor		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	P,P'-DDD		U		N	
LW-03-COMP1-4-8'	17B0911-07RE1	P,P'-DDE	0.019			N	

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LW-03-COMP1-4-8'	17B0911-07RE1	P,P'-DDT	0.095			N	
LW-03-COMP1-4-8'	17B0911-07RE1	Toxaphene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Aluminum	8200			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Arsenic	15			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Barium	120			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Beryllium	0.84			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cadmium	0.83			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Calcium	40000			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cobalt	4.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Copper	53			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Iron	43000	D		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Lead	170			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Magnesium	7800			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Manganese	6100			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Nickel	16			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Potassium	1000			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Selenium		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Silver		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Thallium		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Vanadium	110			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,5,6-Tetrachloro-Meta-Xylene	73			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Decachlorobiphenyl (PCB 209)	74.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Endrin Aldehyde		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,5,6-Tetrachloro-Meta-Xylene	62.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Decachlorobiphenyl (PCB 209)	65.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1016 (Aroclor 1016)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1221 (Aroclor 1221)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1232 (Aroclor 1232)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1242 (Aroclor 1242)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1248 (Aroclor 1248)	0.15	D		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1254 (Aroclor 1254)	0.53	D		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1260 (Aroclor 1260)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1262 (Aroclor 1262)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	PCB-1268 (Aroclor 1268)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,1,2-Tetrachloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,1-Trichloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,2,2-Tetrachloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1,2-Trichloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1-Dichloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1-Dichloroethene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,1-Dichloropropene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,3-Trichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,3-Trichloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,4-Trichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,4-Trimethylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dibromo-3-Chloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichloroethane-D4	99.2			N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3,5-Trichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3-Dichloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dichlorobenzene-D4	0.071			N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Difluorobenzene	0.071			N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dioxane (P-Dioxane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,2-Dichloropropane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Chlorotoluene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Hexanone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Methoxy-2-Methylbutane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Chlorotoluene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	17B0911-08	Acetone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acrylonitrile		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromochloromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromodichloromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromoform		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bromomethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Carbon Disulfide		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Carbon Tetrachloride		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chlorobenzene-D5	0.071			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chloroform		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chloromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cis-1,2-Dichloroethylene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cis-1,3-Dichloropropene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cyclohexane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cymene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dibromochloromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dibromomethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dichlorodifluoromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Diethyl Ether (Ethyl Ether)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Ethyl Tert-Butyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Ethylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachlorobutadiene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Isopropyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Isopropylbenzene (Cumene)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	m,p-Xylene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methyl Acetate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methyl Ethyl Ketone (2-Butanone)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methylcyclohexane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Methylene Chloride		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Naphthalene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	N-Butylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	N-Propylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	O-Xylene (1,2-Dimethylbenzene)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	p-Bromofluorobenzene	89.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pentafluorobenzene	0.071			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Sec-Butylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Styrene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	T-Butylbenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Tert-Butyl Alcohol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Tert-Butyl Methyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Tetrachloroethylene (PCE)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Tetrahydrofuran		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Toluene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Toluene-D8	98.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trans-1,2-Dichloroethene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trans-1,3-Dichloropropene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trans-1,4-Dichloro-2-Butene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trichloroethylene (TCE)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Trichlorofluoromethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Vinyl Chloride		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,4,5-Tetrachlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2,4-Trichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,2-Diphenylhydrazine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,3-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dichlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	1,4-Dichlorobenzene-D4	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	1-Methylnaphthalene	0.96			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,5-Trichlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4,6-Tribromophenol	21.2			N	

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LW-03/MS/MSD-COMP-4	17B0911-08	2,4,6-Trichlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4-Dichlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4-Dimethylphenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4-Dinitrophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,4-Dinitrotoluene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2,6-Dinitrotoluene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Chloronaphthalene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Chlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Fluorobiphenyl	72.8			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Fluorophenol	53.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Methylnaphthalene	1.3			N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Methylphenol (O-Cresol)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Nitroaniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	2-Nitrophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	3- And 4- Methylphenol (Total)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	3,3'-Dichlorobenzidine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	3-Nitroaniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4,6-Dinitro-2-Methylphenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Bromophenyl Phenyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Chloro-3-Methylphenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Chloroaniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Chlorophenyl Phenyl Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Nitroaniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	4-Nitrophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acenaphthene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acenaphthene-D10	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acenaphthylene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Acetophenone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Aniline		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Anthracene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzidine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(A)Anthracene	0.67			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(A)Pyrene	0.59			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(B)Fluoranthene	0.77			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(G,H,I)Perylene	0.38			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzo(K)Fluoranthene	0.22			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzoic Acid		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Benzyl Butyl Phthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bis(2-Chloroethoxy) Methane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bis(2-Chloroisopropyl) Ether		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Bis(2-Ethylhexyl) Phthalate	1			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Carbazole		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chrysene	0.76			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Chrysene-D12	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dibenz(A,H)Anthracene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dibenzofuran		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Diethyl Phthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Dimethyl Phthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Di-N-Butyl Phthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Di-N-Octylphthalate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Fluoranthene	1			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Fluorene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachlorobutadiene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachlorocyclopentadiene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Hexachloroethane		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Indeno(1,2,3-C,D)Pyrene	0.27			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Isophorone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Naphthalene	0.75			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Naphthalene-D8	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Nitrobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Nitrobenzene-D5	59.5			N	
LW-03/MS/MSD-COMP-4	17B0911-08	N-Nitrosodimethylamine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	N-Nitrosodi-N-Propylamine		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	17B0911-08	N-Nitrosodiphenylamine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pentachloronitrobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pentachlorophenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Perylene-D12	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Phenanthrene	1.1			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Phenanthrene-D10	1.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Phenol		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Phenol-D6	58.7			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pyrene	1.9			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Pyridine		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08	Terphenyl-D14	74.3			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Solids, Percent	79.4			N	
LW-03/MS/MSD-COMP-4	17B0911-08	Cyanide	0.77			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Antimony		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Chromium, Total	170			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Sodium	190			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Zinc	120			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Mercury	0.061			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	2,4,5,6-Tetrachloro-Meta-Xylene	59.3			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Alachlor		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Aldrin		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Alpha Endosulfan		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Beta Endosulfan		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Chlordane	0.04			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Decachlorobiphenyl (PCB 209)	60.1			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Dieldrin	0.0062			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Endosulfan Sulfate		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Endrin		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Endrin Ketone		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Gamma Bhc (Lindane)		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Heptachlor		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Heptachlor Epoxide		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Hexachlorobenzene		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Methoxychlor		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	P,P'-DDD		U		N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	P,P'-DDE	0.0087			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	P,P'-DDT	0.0099			N	
LW-03/MS/MSD-COMP-4	17B0911-08RE1	Toxaphene		U		N	
B171155-BLK1	B171155-BLK1	1,2,4,5-Tetrachlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,2,4-Trichlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,2-Dichlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,2-Diphenylhydrazine		U		N	
B171155-BLK1	B171155-BLK1	1,3-Dichlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,4-Dichlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	1,4-Dichlorobenzene-D4	1.3			N	
B171155-BLK1	B171155-BLK1	1-Methylnaphthalene		U		N	
B171155-BLK1	B171155-BLK1	2,4,5-Trichlorophenol		U		N	
B171155-BLK1	B171155-BLK1	2,4,6-Tribromophenol	78.2			N	
B171155-BLK1	B171155-BLK1	2,4,6-Trichlorophenol		U		N	
B171155-BLK1	B171155-BLK1	2,4-Dichlorophenol		U		N	
B171155-BLK1	B171155-BLK1	2,4-Dimethylphenol		U		N	
B171155-BLK1	B171155-BLK1	2,4-Dinitrophenol		U		N	
B171155-BLK1	B171155-BLK1	2,4-Dinitrotoluene		U		N	
B171155-BLK1	B171155-BLK1	2,6-Dinitrotoluene		U		N	
B171155-BLK1	B171155-BLK1	2-Chloronaphthalene		U		N	
B171155-BLK1	B171155-BLK1	2-Chlorophenol		U		N	
B171155-BLK1	B171155-BLK1	2-Fluorobiphenyl	78.9			N	
B171155-BLK1	B171155-BLK1	2-Fluorophenol	62.6			N	
B171155-BLK1	B171155-BLK1	2-Methylnaphthalene		U		N	
B171155-BLK1	B171155-BLK1	2-Methylphenol (O-Cresol)		U		N	
B171155-BLK1	B171155-BLK1	2-Nitroaniline		U		N	
B171155-BLK1	B171155-BLK1	2-Nitrophenol		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171155-BLK1	B171155-BLK1	3- And 4- Methylphenol (Total)		U		N	
B171155-BLK1	B171155-BLK1	3,3'-Dichlorobenzidine		U		N	
B171155-BLK1	B171155-BLK1	3-Nitroaniline		U		N	
B171155-BLK1	B171155-BLK1	4,6-Dinitro-2-Methylphenol		U		N	
B171155-BLK1	B171155-BLK1	4-Bromophenyl Phenyl Ether		U		N	
B171155-BLK1	B171155-BLK1	4-Chloro-3-Methylphenol		U		N	
B171155-BLK1	B171155-BLK1	4-Chloroaniline		U		N	
B171155-BLK1	B171155-BLK1	4-Chlorophenyl Phenyl Ether		U		N	
B171155-BLK1	B171155-BLK1	4-Nitroaniline		U		N	
B171155-BLK1	B171155-BLK1	4-Nitrophenol		U		N	
B171155-BLK1	B171155-BLK1	Acenaphthene		U		N	
B171155-BLK1	B171155-BLK1	Acenaphthene-D10	1.3			N	
B171155-BLK1	B171155-BLK1	Acenaphthylene		U		N	
B171155-BLK1	B171155-BLK1	Acetophenone		U		N	
B171155-BLK1	B171155-BLK1	Aniline		U		N	
B171155-BLK1	B171155-BLK1	Anthracene		U		N	
B171155-BLK1	B171155-BLK1	Benzidine		U		N	
B171155-BLK1	B171155-BLK1	Benzo(A)Anthracene		U		N	
B171155-BLK1	B171155-BLK1	Benzo(A)Pyrene		U		N	
B171155-BLK1	B171155-BLK1	Benzo(B)Fluoranthene		U		N	
B171155-BLK1	B171155-BLK1	Benzo(G,H,I)Perylene		U		N	
B171155-BLK1	B171155-BLK1	Benzo(K)Fluoranthene		U		N	
B171155-BLK1	B171155-BLK1	Benzoic Acid		U		N	
B171155-BLK1	B171155-BLK1	Benzyl Butyl Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Bis(2-Chloroethoxy) Methane		U		N	
B171155-BLK1	B171155-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
B171155-BLK1	B171155-BLK1	Bis(2-Chloroisopropyl) Ether		U		N	
B171155-BLK1	B171155-BLK1	Bis(2-Ethylhexyl) Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Carbazole		U		N	
B171155-BLK1	B171155-BLK1	Chrysene		U		N	
B171155-BLK1	B171155-BLK1	Chrysene-D12	1.3			N	
B171155-BLK1	B171155-BLK1	Dibenz(A,H)Anthracene		U		N	
B171155-BLK1	B171155-BLK1	Dibenzofuran		U		N	
B171155-BLK1	B171155-BLK1	Diethyl Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Dimethyl Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Di-N-Butyl Phthalate		U		N	
B171155-BLK1	B171155-BLK1	Di-N-Octylphthalate		U		N	
B171155-BLK1	B171155-BLK1	Fluoranthene		U		N	
B171155-BLK1	B171155-BLK1	Fluorene		U		N	
B171155-BLK1	B171155-BLK1	Hexachlorobenzene		U		N	
B171155-BLK1	B171155-BLK1	Hexachlorobutadiene		U		N	
B171155-BLK1	B171155-BLK1	Hexachlorocyclopentadiene		U		N	
B171155-BLK1	B171155-BLK1	Hexachloroethane		U		N	
B171155-BLK1	B171155-BLK1	Indeno(1,2,3-C,D)Pyrene		U		N	
B171155-BLK1	B171155-BLK1	Isophorone		U		N	
B171155-BLK1	B171155-BLK1	Naphthalene		U		N	
B171155-BLK1	B171155-BLK1	Naphthalene-D8	1.3			N	
B171155-BLK1	B171155-BLK1	Nitrobenzene		U		N	
B171155-BLK1	B171155-BLK1	Nitrobenzene-D5	62.4			N	
B171155-BLK1	B171155-BLK1	N-Nitrosodimethylamine		U		N	
B171155-BLK1	B171155-BLK1	N-Nitrosodi-N-Propylamine		U		N	
B171155-BLK1	B171155-BLK1	N-Nitrosodiphenylamine		U		N	
B171155-BLK1	B171155-BLK1	Pentachloronitrobenzene		U		N	
B171155-BLK1	B171155-BLK1	Pentachlorophenol		U		N	
B171155-BLK1	B171155-BLK1	Perylene-D12	1.3			N	
B171155-BLK1	B171155-BLK1	Phenanthrene		U		N	
B171155-BLK1	B171155-BLK1	Phenanthrene-D10	1.3			N	
B171155-BLK1	B171155-BLK1	Phenol		U		N	
B171155-BLK1	B171155-BLK1	Phenol-D6	65.2			N	
B171155-BLK1	B171155-BLK1	Pyrene		U		N	
B171155-BLK1	B171155-BLK1	Pyridine		U		N	
B171155-BLK1	B171155-BLK1	Terphenyl-D14	82.2			N	
B171155-BS1	B171155-BS1	1,2,4,5-Tetrachlorobenzene	1.15			N	
B171155-BS1	B171155-BS1	1,2,4-Trichlorobenzene	0.945			N	
B171155-BS1	B171155-BS1	1,2-Dichlorobenzene	0.881			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171155-BS1	B171155-BS1	1,2-Diphenylhydrazine	1.22			N	
B171155-BS1	B171155-BS1	1,3-Dichlorobenzene	0.874			N	
B171155-BS1	B171155-BS1	1,4-Dichlorobenzene	0.878			N	
B171155-BS1	B171155-BS1	1,4-Dichlorobenzene-D4	1.33			N	
B171155-BS1	B171155-BS1	1-Methylnaphthalene	0.964			N	
B171155-BS1	B171155-BS1	2,4,5-Trichlorophenol	1.09			N	
B171155-BS1	B171155-BS1	2,4,6-Tribromophenol	80.2			N	
B171155-BS1	B171155-BS1	2,4,6-Trichlorophenol	1.24			N	
B171155-BS1	B171155-BS1	2,4-Dichlorophenol	0.998			N	
B171155-BS1	B171155-BS1	2,4-Dimethylphenol	1.04			N	
B171155-BS1	B171155-BS1	2,4-Dinitrophenol	0.846			N	
B171155-BS1	B171155-BS1	2,4-Dinitrotoluene	1.26			N	
B171155-BS1	B171155-BS1	2,6-Dinitrotoluene	1.33			N	
B171155-BS1	B171155-BS1	2-Chloronaphthalene	1.06			N	
B171155-BS1	B171155-BS1	2-Chlorophenol	0.967			N	
B171155-BS1	B171155-BS1	2-Fluorobiphenyl	75			N	
B171155-BS1	B171155-BS1	2-Fluorophenol	61.4			N	
B171155-BS1	B171155-BS1	2-Methylnaphthalene	1.05			N	
B171155-BS1	B171155-BS1	2-Methylphenol (O-Cresol)	0.98			N	
B171155-BS1	B171155-BS1	2-Nitroaniline	1.26			N	
B171155-BS1	B171155-BS1	2-Nitrophenol	0.96			N	
B171155-BS1	B171155-BS1	3- And 4- Methylphenol (Total)	1.03			N	
B171155-BS1	B171155-BS1	3,3'-Dichlorobenzidine	1.01			N	
B171155-BS1	B171155-BS1	3-Nitroaniline	1.19			N	
B171155-BS1	B171155-BS1	4,6-Dinitro-2-Methylphenol	0.977			N	
B171155-BS1	B171155-BS1	4-Bromophenyl Phenyl Ether	1.17			N	
B171155-BS1	B171155-BS1	4-Chloro-3-Methylphenol	1.08			N	
B171155-BS1	B171155-BS1	4-Chloroaniline	0.767			N	
B171155-BS1	B171155-BS1	4-Chlorophenyl Phenyl Ether	1.22			N	
B171155-BS1	B171155-BS1	4-Nitroaniline	1.31			N	
B171155-BS1	B171155-BS1	4-Nitrophenol	1.16			N	
B171155-BS1	B171155-BS1	Acenaphthene	1.14			N	
B171155-BS1	B171155-BS1	Acenaphthene-D10	1.33			N	
B171155-BS1	B171155-BS1	Acenaphthylene	1.17			N	
B171155-BS1	B171155-BS1	Acetophenone	0.954			N	
B171155-BS1	B171155-BS1	Aniline	0.633			N	
B171155-BS1	B171155-BS1	Anthracene	1.13			N	
B171155-BS1	B171155-BS1	Benzidine		U		N	
B171155-BS1	B171155-BS1	Benzo(A)Anthracene	1.18			N	
B171155-BS1	B171155-BS1	Benzo(A)Pyrene	1.11			N	
B171155-BS1	B171155-BS1	Benzo(B)Fluoranthene	1.1			N	
B171155-BS1	B171155-BS1	Benzo(G,H,I)Perylene	1.2			N	
B171155-BS1	B171155-BS1	Benzo(K)Fluoranthene	1.11			N	
B171155-BS1	B171155-BS1	Benzoic Acid		U		N	
B171155-BS1	B171155-BS1	Benzyl Butyl Phthalate	1.22			N	
B171155-BS1	B171155-BS1	Bis(2-Chloroethoxy) Methane	1.1			N	
B171155-BS1	B171155-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.05			N	
B171155-BS1	B171155-BS1	Bis(2-Chloroisopropyl) Ether	1.03			N	
B171155-BS1	B171155-BS1	Bis(2-Ethylhexyl) Phthalate	1.24			N	
B171155-BS1	B171155-BS1	Carbazole	1.09			N	
B171155-BS1	B171155-BS1	Chrysene	1.11			N	
B171155-BS1	B171155-BS1	Chrysene-D12	1.33			N	
B171155-BS1	B171155-BS1	Dibenz(A,H)Anthracene	1.2			N	
B171155-BS1	B171155-BS1	Dibenzofuran	1.22			N	
B171155-BS1	B171155-BS1	Diethyl Phthalate	1.25			N	
B171155-BS1	B171155-BS1	Dimethyl Phthalate	1.25			N	
B171155-BS1	B171155-BS1	Di-N-Butyl Phthalate	1.16			N	
B171155-BS1	B171155-BS1	Di-N-Octylphthalate	1.1			N	
B171155-BS1	B171155-BS1	Fluoranthene	1.08			N	
B171155-BS1	B171155-BS1	Fluorene	1.18			N	
B171155-BS1	B171155-BS1	Hexachlorobenzene	1.11			N	
B171155-BS1	B171155-BS1	Hexachlorobutadiene	0.953			N	
B171155-BS1	B171155-BS1	Hexachlorocyclopentadiene	0.851			N	
B171155-BS1	B171155-BS1	Hexachloroethane	0.857			N	
B171155-BS1	B171155-BS1	Indeno(1,2,3-C,D)Pyrene	1.06			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171155-BS1	B171155-BS1	Isophorone	1.05			N	
B171155-BS1	B171155-BS1	Naphthalene	0.962			N	
B171155-BS1	B171155-BS1	Naphthalene-D8	1.33			N	
B171155-BS1	B171155-BS1	Nitrobenzene	0.99			N	
B171155-BS1	B171155-BS1	Nitrobenzene-D5	61			N	
B171155-BS1	B171155-BS1	N-Nitrosodimethylamine	0.959			N	
B171155-BS1	B171155-BS1	N-Nitrosodi-N-Propylamine	1.01			N	
B171155-BS1	B171155-BS1	N-Nitrosodiphenylamine	1.58			N	
B171155-BS1	B171155-BS1	Pentachloronitrobenzene	1.15			N	
B171155-BS1	B171155-BS1	Pentachlorophenol	0.912			N	
B171155-BS1	B171155-BS1	Perylene-D12	1.33			N	
B171155-BS1	B171155-BS1	Phenanthrene	1.13			N	
B171155-BS1	B171155-BS1	Phenanthrene-D10	1.33			N	
B171155-BS1	B171155-BS1	Phenol	0.928			N	
B171155-BS1	B171155-BS1	Phenol-D6	62.5			N	
B171155-BS1	B171155-BS1	Pyrene	1.12			N	
B171155-BS1	B171155-BS1	Pyridine	0.745			N	
B171155-BS1	B171155-BS1	Terphenyl-D14	73.2			N	
B171155-BSD1	B171155-BSD1	1,2,4,5-Tetrachlorobenzene	1.25			N	
B171155-BSD1	B171155-BSD1	1,2,4-Trichlorobenzene	1.03			N	
B171155-BSD1	B171155-BSD1	1,2-Dichlorobenzene	0.965			N	
B171155-BSD1	B171155-BSD1	1,2-Diphenylhydrazine	1.32			N	
B171155-BSD1	B171155-BSD1	1,3-Dichlorobenzene	0.945			N	
B171155-BSD1	B171155-BSD1	1,4-Dichlorobenzene	0.947			N	
B171155-BSD1	B171155-BSD1	1,4-Dichlorobenzene-D4	1.33			N	
B171155-BSD1	B171155-BSD1	1-Methylnaphthalene	1.05			N	
B171155-BSD1	B171155-BSD1	2,4,5-Trichlorophenol	1.24			N	
B171155-BSD1	B171155-BSD1	2,4,6-Tribromophenol	81.9			N	
B171155-BSD1	B171155-BSD1	2,4,6-Trichlorophenol	1.32			N	
B171155-BSD1	B171155-BSD1	2,4-Dichlorophenol	1.12			N	
B171155-BSD1	B171155-BSD1	2,4-Dimethylphenol	1.14			N	
B171155-BSD1	B171155-BSD1	2,4-Dinitrophenol	0.847			N	
B171155-BSD1	B171155-BSD1	2,4-Dinitrotoluene	1.36			N	
B171155-BSD1	B171155-BSD1	2,6-Dinitrotoluene	1.45			N	
B171155-BSD1	B171155-BSD1	2-Chloronaphthalene	1.16			N	
B171155-BSD1	B171155-BSD1	2-Chlorophenol	1.06			N	
B171155-BSD1	B171155-BSD1	2-Fluorobiphenyl	77.7			N	
B171155-BSD1	B171155-BSD1	2-Fluorophenol	63.1			N	
B171155-BSD1	B171155-BSD1	2-Methylnaphthalene	1.16			N	
B171155-BSD1	B171155-BSD1	2-Methylphenol (O-Cresol)	1.07			N	
B171155-BSD1	B171155-BSD1	2-Nitroaniline	1.38			N	
B171155-BSD1	B171155-BSD1	2-Nitrophenol	1.09			N	
B171155-BSD1	B171155-BSD1	3- And 4- Methylphenol (Total)	1.12			N	
B171155-BSD1	B171155-BSD1	3,3'-Dichlorobenzidine	1.03			N	
B171155-BSD1	B171155-BSD1	3-Nitroaniline	1.29			N	
B171155-BSD1	B171155-BSD1	4,6-Dinitro-2-Methylphenol	1.04			N	
B171155-BSD1	B171155-BSD1	4-Bromophenyl Phenyl Ether	1.24			N	
B171155-BSD1	B171155-BSD1	4-Chloro-3-Methylphenol	1.15			N	
B171155-BSD1	B171155-BSD1	4-Chloroaniline	0.798			N	
B171155-BSD1	B171155-BSD1	4-Chlorophenyl Phenyl Ether	1.38			N	
B171155-BSD1	B171155-BSD1	4-Nitroaniline	1.39			N	
B171155-BSD1	B171155-BSD1	4-Nitrophenol	1.21			N	
B171155-BSD1	B171155-BSD1	Acenaphthene	1.21			N	
B171155-BSD1	B171155-BSD1	Acenaphthene-D10	1.33			N	
B171155-BSD1	B171155-BSD1	Acenaphthylene	1.3			N	
B171155-BSD1	B171155-BSD1	Acetophenone	1.06			N	
B171155-BSD1	B171155-BSD1	Aniline	0.644			N	
B171155-BSD1	B171155-BSD1	Anthracene	1.22			N	
B171155-BSD1	B171155-BSD1	Benzidine		U		N	
B171155-BSD1	B171155-BSD1	Benzo(A)Anthracene	1.24			N	
B171155-BSD1	B171155-BSD1	Benzo(A)Pyrene	1.16			N	
B171155-BSD1	B171155-BSD1	Benzo(B)Fluoranthene	1.15			N	
B171155-BSD1	B171155-BSD1	Benzo(G,H,I)Perylene	1.28			N	
B171155-BSD1	B171155-BSD1	Benzo(K)Fluoranthene	1.16			N	
B171155-BSD1	B171155-BSD1	Benzoic Acid		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171155-BSD1	B171155-BSD1	Benzyl Butyl Phthalate	1.35			N	
B171155-BSD1	B171155-BSD1	Bis(2-Chloroethoxy) Methane	1.19			N	
B171155-BSD1	B171155-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.19			N	
B171155-BSD1	B171155-BSD1	Bis(2-Chloroisopropyl) Ether	1.14			N	
B171155-BSD1	B171155-BSD1	Bis(2-Ethylhexyl) Phthalate	1.38			N	
B171155-BSD1	B171155-BSD1	Carbazole	1.16			N	
B171155-BSD1	B171155-BSD1	Chrysene	1.18			N	
B171155-BSD1	B171155-BSD1	Chrysene-D12	1.33			N	
B171155-BSD1	B171155-BSD1	Dibenz(A,H)Anthracene	1.28			N	
B171155-BSD1	B171155-BSD1	Dibenzofuran	1.36			N	
B171155-BSD1	B171155-BSD1	Diethyl Phthalate	1.4			N	
B171155-BSD1	B171155-BSD1	Dimethyl Phthalate	1.38			N	
B171155-BSD1	B171155-BSD1	Di-N-Butyl Phthalate	1.26			N	
B171155-BSD1	B171155-BSD1	Di-N-Octylphthalate	1.24			N	
B171155-BSD1	B171155-BSD1	Fluoranthene	1.16			N	
B171155-BSD1	B171155-BSD1	Fluorene	1.31			N	
B171155-BSD1	B171155-BSD1	Hexachlorobenzene	1.16			N	
B171155-BSD1	B171155-BSD1	Hexachlorobutadiene	1.04			N	
B171155-BSD1	B171155-BSD1	Hexachlorocyclopentadiene	0.905			N	
B171155-BSD1	B171155-BSD1	Hexachloroethane	0.951			N	
B171155-BSD1	B171155-BSD1	Indeno(1,2,3-C,D)Pyrene	1.19			N	
B171155-BSD1	B171155-BSD1	Isophorone	1.15			N	
B171155-BSD1	B171155-BSD1	Naphthalene	1.05			N	
B171155-BSD1	B171155-BSD1	Naphthalene-D8	1.33			N	
B171155-BSD1	B171155-BSD1	Nitrobenzene	1.08			N	
B171155-BSD1	B171155-BSD1	Nitrobenzene-D5	61.1			N	
B171155-BSD1	B171155-BSD1	N-Nitrosodimethylamine	1.02			N	
B171155-BSD1	B171155-BSD1	N-Nitrosodi-N-Propylamine	1.11			N	
B171155-BSD1	B171155-BSD1	N-Nitrosodiphenylamine	1.64			N	
B171155-BSD1	B171155-BSD1	Pentachloronitrobenzene	1.19			N	
B171155-BSD1	B171155-BSD1	Pentachlorophenol	0.93			N	
B171155-BSD1	B171155-BSD1	Perylene-D12	1.33			N	
B171155-BSD1	B171155-BSD1	Phenanthrene	1.21			N	
B171155-BSD1	B171155-BSD1	Phenanthrene-D10	1.33			N	
B171155-BSD1	B171155-BSD1	Phenol	1.03			N	
B171155-BSD1	B171155-BSD1	Phenol-D6	63.9			N	
B171155-BSD1	B171155-BSD1	Pyrene	1.24			N	
B171155-BSD1	B171155-BSD1	Pyridine	0.785			N	
B171155-BSD1	B171155-BSD1	Terphenyl-D14	77			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,2,4,5-Tetrachlorobenzene	1.56			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,2,4-Trichlorobenzene	1.29			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,2-Dichlorobenzene	1.12			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,2-Diphenylhydrazine	1.61			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,3-Dichlorobenzene	1.08			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,4-Dichlorobenzene	1.1			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1,4-Dichlorobenzene-D4	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	1-Methylnaphthalene	2.11			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4,5-Trichlorophenol	1.14			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4,6-Tribromophenol	41			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4,6-Trichlorophenol	0.722			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4-Dichlorophenol	1.26			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4-Dimethylphenol	1.44			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4-Dinitrophenol		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,4-Dinitrotoluene	1.66			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2,6-Dinitrotoluene	1.71			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Chloronaphthalene	1.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Chlorophenol	1.15			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Fluorobiphenyl	76.8			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Fluorophenol	55			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Methylnaphthalene	2.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Methylphenol (O-Cresol)	1.26			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Nitroaniline	1.65			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	2-Nitrophenol	0.872			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	3- And 4- Methylphenol (Total)	1.34			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	3,3'-Dichlorobenzidine	1.16			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171155-MS1	3-Nitroaniline	1.45			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4,6-Dinitro-2-Methylphenol	0.819			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Bromophenyl Phenyl Ether	1.53			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Chloro-3-Methylphenol	1.43			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Chloroaniline		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Chlorophenyl Phenyl Ether	1.71			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Nitroaniline	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	4-Nitrophenol	1.13			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Acenaphthene	1.56			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Acenaphthene-D10	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Acenaphthylene	1.56			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Acetophenone	1.33			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Aniline		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Anthracene	1.41			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzidine		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(A)Anthracene	2.11			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(A)Pyrene	1.85			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(B)Fluoranthene	2.11			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(G,H,I)Perylene	1.39			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzo(K)Fluoranthene	1.8			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzoic Acid		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Benzyl Butyl Phthalate	1.72			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Bis(2-Chloroethoxy) Methane	1.45			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Bis(2-Chloroisopropyl) Ether	1.37			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Bis(2-Ethylhexyl) Phthalate	2.75			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Carbazole	1.52			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Chrysene	2.04			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Chrysene-D12	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Dibenz(A,H)Anthracene	1.26			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Dibenzofuran	1.93			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Diethyl Phthalate	1.81			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Dimethyl Phthalate	1.71			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Di-N-Butyl Phthalate	1.66			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Di-N-Octylphthalate	2.19			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Fluoranthene	2.25			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Fluorene	1.74			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Hexachlorobenzene	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Hexachlorobutadiene	1.35			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Hexachlorocyclopentadiene		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Hexachloroethane	1.18			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Indeno(1,2,3-C,D)Pyrene	1.35			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Isophorone	1.44			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Naphthalene	1.83			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Naphthalene-D8	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Nitrobenzene	1.32			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Nitrobenzene-D5	62.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	N-Nitrosodimethylamine	1.01			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	N-Nitrosodi-N-Propylamine	1.36			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	N-Nitrosodiphenylamine	2.56			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Pentachloronitrobenzene	1.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Pentachlorophenol		U		N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Perylene-D12	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Phenanthrene	2.37			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Phenanthrene-D10	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Phenol	1.19			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Phenol-D6	61.5			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Pyrene	3.59			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Pyridine	0.779			N	
LW-03/MS/MSD-COMP-4	B171155-MS1	Terphenyl-D14	78.8			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,2,4,5-Tetrachlorobenzene	1.34			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,2,4-Trichlorobenzene	1.13			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,2-Dichlorobenzene	1.04			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,2-Diphenylhydrazine	1.38			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,3-Dichlorobenzene	0.993			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,4-Dichlorobenzene	1			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1,4-Dichlorobenzene-D4	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	1-Methylnaphthalene	1.8			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4,5-Trichlorophenol	0.995			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4,6-Tribromophenol	34.6			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4,6-Trichlorophenol	0.644			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4-Dichlorophenol	1.08			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4-Dimethylphenol	1.23			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4-Dinitrophenol		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,4-Dinitrotoluene	1.45			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2,6-Dinitrotoluene	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Chloronaphthalene	1.3			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Chlorophenol	1.06			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Fluorobiphenyl	68.2			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Fluorophenol	50.7			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Methylnaphthalene	2.12			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Methylphenol (O-Cresol)	1.14			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Nitroaniline	1.44			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	2-Nitrophenol	0.807			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	3- And 4- Methylphenol (Total)	1.21			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	3,3'-Dichlorobenzidine	1.06			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	3-Nitroaniline	1.22			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4,6-Dinitro-2-Methylphenol	0.682			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Bromophenyl Phenyl Ether	1.29			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Chloro-3-Methylphenol	1.2			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Chloroaniline		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Chlorophenyl Phenyl Ether	1.46			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Nitroaniline	1.46			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	4-Nitrophenol	1.11			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Acenaphthene	1.36			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Acenaphthene-D10	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Acenaphthylene	1.36			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Acetophenone	1.18			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Aniline	0.477			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Anthracene	1.36			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzidine		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(A)Anthracene	1.85			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(A)Pyrene	1.56			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(B)Fluoranthene	1.79			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(G,H,I)Perylene	1.16			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzo(K)Fluoranthene	1.4			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzoic Acid		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Benzyl Butyl Phthalate	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Bis(2-Chloroethoxy) Methane	1.25			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.34			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Bis(2-Chloroisopropyl) Ether	1.22			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Bis(2-Ethylhexyl) Phthalate	2.35			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Carbazole	1.3			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Chrysene	1.67			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Chrysene-D12	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Dibenz(A,H)Anthracene	1.09			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Dibenzofuran	1.65			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Diethyl Phthalate	1.5			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Dimethyl Phthalate	1.46			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Di-N-Butyl Phthalate	1.4			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Di-N-Octylphthalate	1.72			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Fluoranthene	1.96			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Fluorene	1.47			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Hexachlorobenzene	1.21			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Hexachlorobutadiene	1.16			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Hexachlorocyclopentadiene		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Hexachloroethane	1.15			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Indeno(1,2,3-C,D)Pyrene	1.19			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Isophorone	1.23			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Naphthalene	1.56			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171155-MSD1	Naphthalene-D8	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Nitrobenzene	1.17			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Nitrobenzene-D5	56.9			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	N-Nitrosodimethylamine	0.951			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	N-Nitrosodi-N-Propylamine	1.21			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	N-Nitrosodiphenylamine	2			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Pentachloronitrobenzene	1.33			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Pentachlorophenol		U		N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Perylene-D12	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Phenanthrene	2.06			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Phenanthrene-D10	1.68			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Phenol	1.07			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Phenol-D6	56.8			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Pyrene	2.52			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Pyridine	0.713			N	
LW-03/MS/MSD-COMP-4	B171155-MSD1	Terphenyl-D14	69.9			N	
LW-05-COMP1-0-6'DUP1	B171174-DUP1	Solids, Percent	79.1			N	
LW-06-2-4'DUP1	B171182-DUP1	Solids, Percent	72.6			N	
LW-03/MS/MSD-COMP-4	B171182-DUP2	Solids, Percent	80.7			N	
B171185-BLK1	B171185-BLK1	1,2,4,5-Tetrachlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,2,4-Trichlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,2-Dichlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,2-Diphenylhydrazine		U		N	
B171185-BLK1	B171185-BLK1	1,3-Dichlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,4-Dichlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	1,4-Dichlorobenzene-D4	40			N	
B171185-BLK1	B171185-BLK1	1-Methylnaphthalene		U		N	
B171185-BLK1	B171185-BLK1	2,4,5-Trichlorophenol		U		N	
B171185-BLK1	B171185-BLK1	2,4,6-Tribromophenol	96.9			N	
B171185-BLK1	B171185-BLK1	2,4,6-Trichlorophenol		U		N	
B171185-BLK1	B171185-BLK1	2,4-Dichlorophenol		U		N	
B171185-BLK1	B171185-BLK1	2,4-Dimethylphenol		U		N	
B171185-BLK1	B171185-BLK1	2,4-Dinitrophenol		U		N	
B171185-BLK1	B171185-BLK1	2,4-Dinitrotoluene		U		N	
B171185-BLK1	B171185-BLK1	2,6-Dinitrotoluene		U		N	
B171185-BLK1	B171185-BLK1	2-Chloronaphthalene		U		N	
B171185-BLK1	B171185-BLK1	2-Chlorophenol		U		N	
B171185-BLK1	B171185-BLK1	2-Fluorobiphenyl	84.4			N	
B171185-BLK1	B171185-BLK1	2-Fluorophenol	55.3			N	
B171185-BLK1	B171185-BLK1	2-Methylnaphthalene		U		N	
B171185-BLK1	B171185-BLK1	2-Methylphenol (O-Cresol)		U		N	
B171185-BLK1	B171185-BLK1	2-Nitroaniline		U		N	
B171185-BLK1	B171185-BLK1	2-Nitrophenol		U		N	
B171185-BLK1	B171185-BLK1	3- And 4- Methylphenol (Total)		U		N	
B171185-BLK1	B171185-BLK1	3,3'-Dichlorobenzidine		U		N	
B171185-BLK1	B171185-BLK1	3-Nitroaniline		U		N	
B171185-BLK1	B171185-BLK1	4,6-Dinitro-2-Methylphenol		U		N	
B171185-BLK1	B171185-BLK1	4-Bromophenyl Phenyl Ether		U		N	
B171185-BLK1	B171185-BLK1	4-Chloro-3-Methylphenol		U		N	
B171185-BLK1	B171185-BLK1	4-Chloroaniline		U		N	
B171185-BLK1	B171185-BLK1	4-Chlorophenyl Phenyl Ether		U		N	
B171185-BLK1	B171185-BLK1	4-Nitroaniline		U		N	
B171185-BLK1	B171185-BLK1	4-Nitrophenol		U		N	
B171185-BLK1	B171185-BLK1	Acenaphthene		U		N	
B171185-BLK1	B171185-BLK1	Acenaphthene-D10	40			N	
B171185-BLK1	B171185-BLK1	Acenaphthylene		U		N	
B171185-BLK1	B171185-BLK1	Acetophenone		U		N	
B171185-BLK1	B171185-BLK1	Aniline		U		N	
B171185-BLK1	B171185-BLK1	Anthracene		U		N	
B171185-BLK1	B171185-BLK1	Benzidine		U		N	
B171185-BLK1	B171185-BLK1	Benzo(A)Anthracene		U		N	
B171185-BLK1	B171185-BLK1	Benzo(A)Pyrene		U		N	
B171185-BLK1	B171185-BLK1	Benzo(B)Fluoranthene		U		N	
B171185-BLK1	B171185-BLK1	Benzo(G,H,I)Perylene		U		N	
B171185-BLK1	B171185-BLK1	Benzo(K)Fluoranthene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171185-BLK1	B171185-BLK1	Benzoic Acid		U		N	
B171185-BLK1	B171185-BLK1	Benzyl Butyl Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Bis(2-Chloroethoxy) Methane		U		N	
B171185-BLK1	B171185-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		N	
B171185-BLK1	B171185-BLK1	Bis(2-Chloroisopropyl) Ether		U		N	
B171185-BLK1	B171185-BLK1	Bis(2-Ethylhexyl) Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Carbazole		U		N	
B171185-BLK1	B171185-BLK1	Chrysene		U		N	
B171185-BLK1	B171185-BLK1	Chrysene-D12	40			N	
B171185-BLK1	B171185-BLK1	Dibenz(A,H)Anthracene		U		N	
B171185-BLK1	B171185-BLK1	Dibenzofuran		U		N	
B171185-BLK1	B171185-BLK1	Diethyl Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Dimethyl Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Di-N-Butyl Phthalate		U		N	
B171185-BLK1	B171185-BLK1	Di-N-Octylphthalate		U		N	
B171185-BLK1	B171185-BLK1	Fluoranthene		U		N	
B171185-BLK1	B171185-BLK1	Fluorene		U		N	
B171185-BLK1	B171185-BLK1	Hexachlorobenzene		U		N	
B171185-BLK1	B171185-BLK1	Hexachlorobutadiene		U		N	
B171185-BLK1	B171185-BLK1	Hexachlorocyclopentadiene		U		N	
B171185-BLK1	B171185-BLK1	Hexachloroethane		U		N	
B171185-BLK1	B171185-BLK1	Indeno(1,2,3-C,D)Pyrene		U		N	
B171185-BLK1	B171185-BLK1	Isophorone		U		N	
B171185-BLK1	B171185-BLK1	Naphthalene		U		N	
B171185-BLK1	B171185-BLK1	Naphthalene-D8	40			N	
B171185-BLK1	B171185-BLK1	Nitrobenzene		U		N	
B171185-BLK1	B171185-BLK1	Nitrobenzene-D5	88.2			N	
B171185-BLK1	B171185-BLK1	N-Nitrosodimethylamine		U		N	
B171185-BLK1	B171185-BLK1	N-Nitrosodi-N-Propylamine		U		N	
B171185-BLK1	B171185-BLK1	N-Nitrosodiphenylamine		U		N	
B171185-BLK1	B171185-BLK1	Pentachloronitrobenzene		U		N	
B171185-BLK1	B171185-BLK1	Pentachlorophenol		U		N	
B171185-BLK1	B171185-BLK1	Perylene-D12	40			N	
B171185-BLK1	B171185-BLK1	Phenanthrene		U		N	
B171185-BLK1	B171185-BLK1	Phenanthrene-D10	40			N	
B171185-BLK1	B171185-BLK1	Phenol		U		N	
B171185-BLK1	B171185-BLK1	Phenol-D6	38.5			N	
B171185-BLK1	B171185-BLK1	Pyrene		U		N	
B171185-BLK1	B171185-BLK1	Pyridine		U		N	
B171185-BLK1	B171185-BLK1	Terphenyl-D14	97.4			N	
B171185-BLK2	B171185-BLK2	1,4-Dichlorobenzene-D4	8			N	
B171185-BLK2	B171185-BLK2	2,4,6-Tribromophenol	66.6			N	
B171185-BLK2	B171185-BLK2	2-Fluorobiphenyl	52.9			N	
B171185-BLK2	B171185-BLK2	2-Fluorophenol	31			N	
B171185-BLK2	B171185-BLK2	Acenaphthene-D10	8			N	
B171185-BLK2	B171185-BLK2	Bis(2-Ethylhexyl) Phthalate		U		N	
B171185-BLK2	B171185-BLK2	Chrysene-D12	8			N	
B171185-BLK2	B171185-BLK2	Naphthalene-D8	8			N	
B171185-BLK2	B171185-BLK2	Nitrobenzene-D5	49.9			N	
B171185-BLK2	B171185-BLK2	Perylene-D12	8			N	
B171185-BLK2	B171185-BLK2	Phenanthrene-D10	8			N	
B171185-BLK2	B171185-BLK2	Phenol-D6	21.8			N	
B171185-BLK2	B171185-BLK2	Terphenyl-D14	63.7			N	
B171185-BS1	B171185-BS1	1,2,4,5-Tetrachlorobenzene	41.4			N	
B171185-BS1	B171185-BS1	1,2,4-Trichlorobenzene	44.8			N	
B171185-BS1	B171185-BS1	1,2-Dichlorobenzene	46.9			N	
B171185-BS1	B171185-BS1	1,2-Diphenylhydrazine	45.3			N	
B171185-BS1	B171185-BS1	1,3-Dichlorobenzene	45.7			N	
B171185-BS1	B171185-BS1	1,4-Dichlorobenzene	45.4			N	
B171185-BS1	B171185-BS1	1,4-Dichlorobenzene-D4	40			N	
B171185-BS1	B171185-BS1	1-Methylnaphthalene	44.2			N	
B171185-BS1	B171185-BS1	2,4,5-Trichlorophenol	42.6			N	
B171185-BS1	B171185-BS1	2,4,6-Tribromophenol	108			N	
B171185-BS1	B171185-BS1	2,4,6-Trichlorophenol	43			N	
B171185-BS1	B171185-BS1	2,4-Dichlorophenol	46.2			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171185-BS1	B171185-BS1	2,4-Dimethylphenol	36.6			N	
B171185-BS1	B171185-BS1	2,4-Dinitrophenol	44.1			N	
B171185-BS1	B171185-BS1	2,4-Dinitrotoluene	45.8			N	
B171185-BS1	B171185-BS1	2,6-Dinitrotoluene	46.2			N	
B171185-BS1	B171185-BS1	2-Chloronaphthalene	39.6			N	
B171185-BS1	B171185-BS1	2-Chlorophenol	45.5			N	
B171185-BS1	B171185-BS1	2-Fluorobiphenyl	91.7			N	
B171185-BS1	B171185-BS1	2-Fluorophenol	67.4			N	
B171185-BS1	B171185-BS1	2-Methylnaphthalene	48			N	
B171185-BS1	B171185-BS1	2-Methylphenol (O-Cresol)	41.7			N	
B171185-BS1	B171185-BS1	2-Nitroaniline	44.8			N	
B171185-BS1	B171185-BS1	2-Nitrophenol	45.8			N	
B171185-BS1	B171185-BS1	3- And 4- Methylphenol (Total)	42.6			N	
B171185-BS1	B171185-BS1	3,3'-Dichlorobenzidine	45			N	
B171185-BS1	B171185-BS1	3-Nitroaniline	43.1			N	
B171185-BS1	B171185-BS1	4,6-Dinitro-2-Methylphenol	43.7			N	
B171185-BS1	B171185-BS1	4-Bromophenyl Phenyl Ether	44			N	
B171185-BS1	B171185-BS1	4-Chloro-3-Methylphenol	47			N	
B171185-BS1	B171185-BS1	4-Chloroaniline	40.5			N	
B171185-BS1	B171185-BS1	4-Chlorophenyl Phenyl Ether	44.7			N	
B171185-BS1	B171185-BS1	4-Nitroaniline	44.8			N	
B171185-BS1	B171185-BS1	4-Nitrophenol	25.6			N	
B171185-BS1	B171185-BS1	Acenaphthene	41.8			N	
B171185-BS1	B171185-BS1	Acenaphthene-D10	40			N	
B171185-BS1	B171185-BS1	Acenaphthylene	40.1			N	
B171185-BS1	B171185-BS1	Acetophenone	50.6			N	
B171185-BS1	B171185-BS1	Aniline	45.9			N	
B171185-BS1	B171185-BS1	Anthracene	43.2			N	
B171185-BS1	B171185-BS1	Benzidine		U		N	
B171185-BS1	B171185-BS1	Benzo(A)Anthracene	44.4			N	
B171185-BS1	B171185-BS1	Benzo(A)Pyrene	42.4			N	
B171185-BS1	B171185-BS1	Benzo(B)Fluoranthene	41.2			N	
B171185-BS1	B171185-BS1	Benzo(G,H,I)Perylene	39			N	
B171185-BS1	B171185-BS1	Benzo(K)Fluoranthene	43.4			N	
B171185-BS1	B171185-BS1	Benzoic Acid	12.5			N	
B171185-BS1	B171185-BS1	Benzyl Butyl Phthalate	45.1			N	
B171185-BS1	B171185-BS1	Bis(2-Chloroethoxy) Methane	49			N	
B171185-BS1	B171185-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	50.9			N	
B171185-BS1	B171185-BS1	Bis(2-Chloroisopropyl) Ether	50.1			N	
B171185-BS1	B171185-BS1	Bis(2-Ethylhexyl) Phthalate	43.4			N	
B171185-BS1	B171185-BS1	Carbazole	44.2			N	
B171185-BS1	B171185-BS1	Chrysene	44.3			N	
B171185-BS1	B171185-BS1	Chrysene-D12	40			N	
B171185-BS1	B171185-BS1	Dibenz(A,H)Anthracene	39.2			N	
B171185-BS1	B171185-BS1	Dibenzofuran	44.3			N	
B171185-BS1	B171185-BS1	Diethyl Phthalate	46			N	
B171185-BS1	B171185-BS1	Dimethyl Phthalate	44.8			N	
B171185-BS1	B171185-BS1	Di-N-Butyl Phthalate	44.4			N	
B171185-BS1	B171185-BS1	Di-N-Octylphthalate	41			N	
B171185-BS1	B171185-BS1	Fluoranthene	44.8			N	
B171185-BS1	B171185-BS1	Fluorene	43.5			N	
B171185-BS1	B171185-BS1	Hexachlorobenzene	43.3			N	
B171185-BS1	B171185-BS1	Hexachlorobutadiene	45.6			N	
B171185-BS1	B171185-BS1	Hexachlorocyclopentadiene	31.8			N	
B171185-BS1	B171185-BS1	Hexachloroethane	46.9			N	
B171185-BS1	B171185-BS1	Indeno(1,2,3-C,D)Pyrene	42.6			N	
B171185-BS1	B171185-BS1	Isophorone	49.4			N	
B171185-BS1	B171185-BS1	Naphthalene	44.4			N	
B171185-BS1	B171185-BS1	Naphthalene-D8	40			N	
B171185-BS1	B171185-BS1	Nitrobenzene	47			N	
B171185-BS1	B171185-BS1	Nitrobenzene-D5	96.8			N	
B171185-BS1	B171185-BS1	N-Nitrosodimethylamine	34.7			N	
B171185-BS1	B171185-BS1	N-Nitrosodi-N-Propylamine	50			N	
B171185-BS1	B171185-BS1	N-Nitrosodiphenylamine	57.7			N	
B171185-BS1	B171185-BS1	Pentachloronitrobenzene	43.6			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171185-BS1	B171185-BS1	Pentachlorophenol	37.4			N	
B171185-BS1	B171185-BS1	Perylene-D12	40			N	
B171185-BS1	B171185-BS1	Phenanthrene	44			N	
B171185-BS1	B171185-BS1	Phenanthrene-D10	40			N	
B171185-BS1	B171185-BS1	Phenol	22.6			N	
B171185-BS1	B171185-BS1	Phenol-D6	47.2			N	
B171185-BS1	B171185-BS1	Pyrene	43.1			N	
B171185-BS1	B171185-BS1	Pyridine	31.2			N	
B171185-BS1	B171185-BS1	Terphenyl-D14	95.2			N	
B171185-BSD1	B171185-BSD1	1,2,4,5-Tetrachlorobenzene	39.3			N	
B171185-BSD1	B171185-BSD1	1,2,4-Trichlorobenzene	38.8			N	
B171185-BSD1	B171185-BSD1	1,2-Dichlorobenzene	37.6			N	
B171185-BSD1	B171185-BSD1	1,2-Diphenylhydrazine	44.2			N	
B171185-BSD1	B171185-BSD1	1,3-Dichlorobenzene	36.6			N	
B171185-BSD1	B171185-BSD1	1,4-Dichlorobenzene	36.8			N	
B171185-BSD1	B171185-BSD1	1,4-Dichlorobenzene-D4	40			N	
B171185-BSD1	B171185-BSD1	1-Methylnaphthalene	39.7			N	
B171185-BSD1	B171185-BSD1	2,4,5-Trichlorophenol	42.1			N	
B171185-BSD1	B171185-BSD1	2,4,6-Tribromophenol	108			N	
B171185-BSD1	B171185-BSD1	2,4,6-Trichlorophenol	41.8			N	
B171185-BSD1	B171185-BSD1	2,4-Dichlorophenol	41.4			N	
B171185-BSD1	B171185-BSD1	2,4-Dimethylphenol	28.1			N	
B171185-BSD1	B171185-BSD1	2,4-Dinitrophenol	44.9			N	
B171185-BSD1	B171185-BSD1	2,4-Dinitrotoluene	44.5			N	
B171185-BSD1	B171185-BSD1	2,6-Dinitrotoluene	45.2			N	
B171185-BSD1	B171185-BSD1	2-Chloronaphthalene	37.6			N	
B171185-BSD1	B171185-BSD1	2-Chlorophenol	38.3			N	
B171185-BSD1	B171185-BSD1	2-Fluorobiphenyl	87.5			N	
B171185-BSD1	B171185-BSD1	2-Fluorophenol	53.6			N	
B171185-BSD1	B171185-BSD1	2-Methylnaphthalene	43.2			N	
B171185-BSD1	B171185-BSD1	2-Methylphenol (O-Cresol)	33.8			N	
B171185-BSD1	B171185-BSD1	2-Nitroaniline	42.9			N	
B171185-BSD1	B171185-BSD1	2-Nitrophenol	39.7			N	
B171185-BSD1	B171185-BSD1	3- And 4- Methylphenol (Total)	35.8			N	
B171185-BSD1	B171185-BSD1	3,3'-Dichlorobenzidine	43.8			N	
B171185-BSD1	B171185-BSD1	3-Nitroaniline	41.8			N	
B171185-BSD1	B171185-BSD1	4,6-Dinitro-2-Methylphenol	43.3			N	
B171185-BSD1	B171185-BSD1	4-Bromophenyl Phenyl Ether	44.5			N	
B171185-BSD1	B171185-BSD1	4-Chloro-3-Methylphenol	43.1			N	
B171185-BSD1	B171185-BSD1	4-Chloroaniline	37.2			N	
B171185-BSD1	B171185-BSD1	4-Chlorophenyl Phenyl Ether	44.4			N	
B171185-BSD1	B171185-BSD1	4-Nitroaniline	42.8			N	
B171185-BSD1	B171185-BSD1	4-Nitrophenol	24.5			N	
B171185-BSD1	B171185-BSD1	Acenaphthene	41			N	
B171185-BSD1	B171185-BSD1	Acenaphthene-D10	40			N	
B171185-BSD1	B171185-BSD1	Acenaphthylene	39			N	
B171185-BSD1	B171185-BSD1	Acetophenone	42.1			N	
B171185-BSD1	B171185-BSD1	Aniline	36.1			N	
B171185-BSD1	B171185-BSD1	Anthracene	42.8			N	
B171185-BSD1	B171185-BSD1	Benzidine		U		N	
B171185-BSD1	B171185-BSD1	Benzo(A)Anthracene	44.6			N	
B171185-BSD1	B171185-BSD1	Benzo(A)Pyrene	43.7			N	
B171185-BSD1	B171185-BSD1	Benzo(B)Fluoranthene	42.7			N	
B171185-BSD1	B171185-BSD1	Benzo(G,H,I)Perylene	39.4			N	
B171185-BSD1	B171185-BSD1	Benzo(K)Fluoranthene	44.9			N	
B171185-BSD1	B171185-BSD1	Benzoic Acid	13.3			N	
B171185-BSD1	B171185-BSD1	Benzyl Butyl Phthalate	45.2			N	
B171185-BSD1	B171185-BSD1	Bis(2-Chloroethoxy) Methane	44.2			N	
B171185-BSD1	B171185-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	42.8			N	
B171185-BSD1	B171185-BSD1	Bis(2-Chloroisopropyl) Ether	41			N	
B171185-BSD1	B171185-BSD1	Bis(2-Ethylhexyl) Phthalate	44.3			N	
B171185-BSD1	B171185-BSD1	Carbazole	43.3			N	
B171185-BSD1	B171185-BSD1	Chrysene	44.5			N	
B171185-BSD1	B171185-BSD1	Chrysene-D12	40			N	
B171185-BSD1	B171185-BSD1	Dibenz(A,H)Anthracene	39.1			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171185-BSD1	B171185-BSD1	Dibenzofuran	43.6			N	
B171185-BSD1	B171185-BSD1	Diethyl Phthalate	45.3			N	
B171185-BSD1	B171185-BSD1	Dimethyl Phthalate	44.2			N	
B171185-BSD1	B171185-BSD1	Di-N-Butyl Phthalate	44			N	
B171185-BSD1	B171185-BSD1	Di-N-Octylphthalate	42.8			N	
B171185-BSD1	B171185-BSD1	Fluoranthene	43.6			N	
B171185-BSD1	B171185-BSD1	Fluorene	43.1			N	
B171185-BSD1	B171185-BSD1	Hexachlorobenzene	43.6			N	
B171185-BSD1	B171185-BSD1	Hexachlorobutadiene	39.8			N	
B171185-BSD1	B171185-BSD1	Hexachlorocyclopentadiene	30.2			N	
B171185-BSD1	B171185-BSD1	Hexachloroethane	38.6			N	
B171185-BSD1	B171185-BSD1	Indeno(1,2,3-C,D)Pyrene	41.8			N	
B171185-BSD1	B171185-BSD1	Isophorone	44.3			N	
B171185-BSD1	B171185-BSD1	Naphthalene	39.2			N	
B171185-BSD1	B171185-BSD1	Naphthalene-D8	40			N	
B171185-BSD1	B171185-BSD1	Nitrobenzene	40.3			N	
B171185-BSD1	B171185-BSD1	Nitrobenzene-D5	82.3			N	
B171185-BSD1	B171185-BSD1	N-Nitrosodimethylamine	27.4			N	
B171185-BSD1	B171185-BSD1	N-Nitrosodi-N-Propylamine	42.1			N	
B171185-BSD1	B171185-BSD1	N-Nitrosodiphenylamine	56.5			N	
B171185-BSD1	B171185-BSD1	Pentachloronitrobenzene	43.8			N	
B171185-BSD1	B171185-BSD1	Pentachlorophenol	35.2			N	
B171185-BSD1	B171185-BSD1	Perylene-D12	40			N	
B171185-BSD1	B171185-BSD1	Phenanthrene	43.2			N	
B171185-BSD1	B171185-BSD1	Phenanthrene-D10	40			N	
B171185-BSD1	B171185-BSD1	Phenol	18.6			N	
B171185-BSD1	B171185-BSD1	Phenol-D6	37.8			N	
B171185-BSD1	B171185-BSD1	Pyrene	44.4			N	
B171185-BSD1	B171185-BSD1	Pyridine	24.3			N	
B171185-BSD1	B171185-BSD1	Terphenyl-D14	97.6			N	
B171189-BLK1	B171189-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	77.8			N	
B171189-BLK1	B171189-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	83.3			N	
B171189-BLK1	B171189-BLK1	Decachlorobiphenyl (PCB 209)	77.6			N	
B171189-BLK1	B171189-BLK1	Decachlorobiphenyl (PCB 209)	86.4			N	
B171189-BLK1	B171189-BLK1	PCB-1016 (Aroclor 1016)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1016 (Aroclor 1016)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1221 (Aroclor 1221)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1221 (Aroclor 1221)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1232 (Aroclor 1232)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1232 (Aroclor 1232)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1242 (Aroclor 1242)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1242 (Aroclor 1242)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1248 (Aroclor 1248)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1248 (Aroclor 1248)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1254 (Aroclor 1254)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1254 (Aroclor 1254)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1260 (Aroclor 1260)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1260 (Aroclor 1260)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1262 (Aroclor 1262)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1262 (Aroclor 1262)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1268 (Aroclor 1268)		U		N	
B171189-BLK1	B171189-BLK1	PCB-1268 (Aroclor 1268)		U		N	
B171189-BS1	B171189-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89.8			N	
B171189-BS1	B171189-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	101			N	
B171189-BS1	B171189-BS1	Decachlorobiphenyl (PCB 209)	95.5			N	
B171189-BS1	B171189-BS1	Decachlorobiphenyl (PCB 209)	105			N	
B171189-BS1	B171189-BS1	PCB-1016 (Aroclor 1016)	0.17			N	
B171189-BS1	B171189-BS1	PCB-1016 (Aroclor 1016)	0.18			N	
B171189-BS1	B171189-BS1	PCB-1260 (Aroclor 1260)	0.16			N	
B171189-BS1	B171189-BS1	PCB-1260 (Aroclor 1260)	0.18			N	
B171189-BSD1	B171189-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	94.6			N	
B171189-BSD1	B171189-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	108			N	
B171189-BSD1	B171189-BSD1	Decachlorobiphenyl (PCB 209)	95.2			N	
B171189-BSD1	B171189-BSD1	Decachlorobiphenyl (PCB 209)	111			N	
B171189-BSD1	B171189-BSD1	PCB-1016 (Aroclor 1016)	0.18			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171189-BSD1	B171189-BSD1	PCB-1016 (Aroclor 1016)	0.19			N	
B171189-BSD1	B171189-BSD1	PCB-1260 (Aroclor 1260)	0.17			N	
B171189-BSD1	B171189-BSD1	PCB-1260 (Aroclor 1260)	0.19			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	71.7			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	70.5			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	Decachlorobiphenyl (PCB 209)	67.1			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	Decachlorobiphenyl (PCB 209)	77.4			N	
LW-03/MS/MSD-COMP-4	B171189-MS1	PCB-1016 (Aroclor 1016)	0.29	D		N	
LW-03/MS/MSD-COMP-4	B171189-MS1	PCB-1016 (Aroclor 1016)	0.34	D		N	
LW-03/MS/MSD-COMP-4	B171189-MS1	PCB-1260 (Aroclor 1260)	0.27	D		N	
LW-03/MS/MSD-COMP-4	B171189-MS1	PCB-1260 (Aroclor 1260)	0.3	D		N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	57.6			N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	58.1			N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	Decachlorobiphenyl (PCB 209)	55.5			N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	Decachlorobiphenyl (PCB 209)	64.3			N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	PCB-1016 (Aroclor 1016)	0.2	D		N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	PCB-1016 (Aroclor 1016)	0.23	D		N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	PCB-1260 (Aroclor 1260)	0.27	D		N	
LW-03/MS/MSD-COMP-4	B171189-MSD1	PCB-1260 (Aroclor 1260)	0.3	D		N	
B171190-BLK1	B171190-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	73.8			N	
B171190-BLK1	B171190-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	71.6			N	
B171190-BLK1	B171190-BLK1	Decachlorobiphenyl (PCB 209)	75.5			N	
B171190-BLK1	B171190-BLK1	Decachlorobiphenyl (PCB 209)	73.9			N	
B171190-BLK1	B171190-BLK1	Endrin Aldehyde		U		N	
B171190-BLK1	B171190-BLK1	Endrin Aldehyde		U		N	
B171190-BS1	B171190-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	91.3			N	
B171190-BS1	B171190-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	84.8			N	
B171190-BS1	B171190-BS1	Decachlorobiphenyl (PCB 209)	88.7			N	
B171190-BS1	B171190-BS1	Decachlorobiphenyl (PCB 209)	88.4			N	
B171190-BS1	B171190-BS1	Endrin Aldehyde	0.089			N	
B171190-BS1	B171190-BS1	Endrin Aldehyde	0.086			N	
B171190-BSD1	B171190-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	83.6			N	
B171190-BSD1	B171190-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	76.7			N	
B171190-BSD1	B171190-BSD1	Decachlorobiphenyl (PCB 209)	80.6			N	
B171190-BSD1	B171190-BSD1	Decachlorobiphenyl (PCB 209)	81.2			N	
B171190-BSD1	B171190-BSD1	Endrin Aldehyde	0.082			N	
B171190-BSD1	B171190-BSD1	Endrin Aldehyde	0.077			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	74.7			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	63.4			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	Decachlorobiphenyl (PCB 209)	74.8			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	Decachlorobiphenyl (PCB 209)	65.9			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	Endrin Aldehyde	0.054			N	
LW-03/MS/MSD-COMP-4	B171190-MS1	Endrin Aldehyde	0.048			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	72.3			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	62.7			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	Decachlorobiphenyl (PCB 209)	69.6			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	Decachlorobiphenyl (PCB 209)	62.9			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	Endrin Aldehyde	0.05			N	
LW-03/MS/MSD-COMP-4	B171190-MSD1	Endrin Aldehyde	0.053			N	
B171192-BLK1	B171192-BLK1	Aluminum		U		N	
B171192-BLK1	B171192-BLK1	Antimony		U		N	
B171192-BLK1	B171192-BLK1	Arsenic		U		N	
B171192-BLK1	B171192-BLK1	Barium		U		N	
B171192-BLK1	B171192-BLK1	Beryllium		U		N	
B171192-BLK1	B171192-BLK1	Cadmium		U		N	
B171192-BLK1	B171192-BLK1	Calcium		U		N	
B171192-BLK1	B171192-BLK1	Chromium, Total		U		N	
B171192-BLK1	B171192-BLK1	Cobalt		U		N	
B171192-BLK1	B171192-BLK1	Copper		U		N	
B171192-BLK1	B171192-BLK1	Iron		U		N	
B171192-BLK1	B171192-BLK1	Lead		U		N	
B171192-BLK1	B171192-BLK1	Magnesium		U		N	
B171192-BLK1	B171192-BLK1	Manganese		U		N	
B171192-BLK1	B171192-BLK1	Nickel		U		N	
B171192-BLK1	B171192-BLK1	Potassium		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171192-BLK1	B171192-BLK1	Selenium		U		N	
B171192-BLK1	B171192-BLK1	Silver		U		N	
B171192-BLK1	B171192-BLK1	Sodium		U		N	
B171192-BLK1	B171192-BLK1	Thallium		U		N	
B171192-BLK1	B171192-BLK1	Vanadium		U		N	
B171192-BLK1	B171192-BLK1	Zinc		U		N	
B171192-BS1	B171192-BS1	Silver	0.484			N	
B171192-BS2	B171192-BS2	Aluminum	2.07			N	
B171192-BS2	B171192-BS2	Antimony	2.08			N	
B171192-BS2	B171192-BS2	Arsenic	2.12			N	
B171192-BS2	B171192-BS2	Barium	2.12			N	
B171192-BS2	B171192-BS2	Beryllium	2.22			N	
B171192-BS2	B171192-BS2	Cadmium	2.17			N	
B171192-BS2	B171192-BS2	Calcium	2.13			N	
B171192-BS2	B171192-BS2	Chromium, Total	2.1			N	
B171192-BS2	B171192-BS2	Cobalt	2.11			N	
B171192-BS2	B171192-BS2	Copper	2.05			N	
B171192-BS2	B171192-BS2	Iron	2.24			N	
B171192-BS2	B171192-BS2	Lead	2.13			N	
B171192-BS2	B171192-BS2	Magnesium	2.05			N	
B171192-BS2	B171192-BS2	Manganese	2.19			N	
B171192-BS2	B171192-BS2	Nickel	2.14			N	
B171192-BS2	B171192-BS2	Potassium	19.6			N	
B171192-BS2	B171192-BS2	Selenium	2.15			N	
B171192-BS2	B171192-BS2	Sodium	2.07			N	
B171192-BS2	B171192-BS2	Thallium	2.02			N	
B171192-BS2	B171192-BS2	Vanadium	2.04			N	
B171192-BS2	B171192-BS2	Zinc	2.24			N	
B171192-BSD1	B171192-BSD1	Silver	0.471			N	
B171192-BSD2	B171192-BSD2	Aluminum	2.08			N	
B171192-BSD2	B171192-BSD2	Antimony	2.11			N	
B171192-BSD2	B171192-BSD2	Arsenic	2.15			N	
B171192-BSD2	B171192-BSD2	Barium	2.12			N	
B171192-BSD2	B171192-BSD2	Beryllium	2.22			N	
B171192-BSD2	B171192-BSD2	Cadmium	2.17			N	
B171192-BSD2	B171192-BSD2	Calcium	2.14			N	
B171192-BSD2	B171192-BSD2	Chromium, Total	2.11			N	
B171192-BSD2	B171192-BSD2	Cobalt	2.14			N	
B171192-BSD2	B171192-BSD2	Copper	2.04			N	
B171192-BSD2	B171192-BSD2	Iron	2.24			N	
B171192-BSD2	B171192-BSD2	Lead	2.16			N	
B171192-BSD2	B171192-BSD2	Magnesium	2.05			N	
B171192-BSD2	B171192-BSD2	Manganese	2.19			N	
B171192-BSD2	B171192-BSD2	Nickel	2.16			N	
B171192-BSD2	B171192-BSD2	Potassium	19.7			N	
B171192-BSD2	B171192-BSD2	Selenium	2.17			N	
B171192-BSD2	B171192-BSD2	Sodium	2.06			N	
B171192-BSD2	B171192-BSD2	Thallium	2.04			N	
B171192-BSD2	B171192-BSD2	Vanadium	2.04			N	
B171192-BSD2	B171192-BSD2	Zinc	2.27			N	
B171208-BLK1	B171208-BLK1	Aluminum		U		N	
B171208-BLK1	B171208-BLK1	Antimony		U		N	
B171208-BLK1	B171208-BLK1	Arsenic		U		N	
B171208-BLK1	B171208-BLK1	Barium		U		N	
B171208-BLK1	B171208-BLK1	Beryllium		U		N	
B171208-BLK1	B171208-BLK1	Cadmium		U		N	
B171208-BLK1	B171208-BLK1	Calcium		U		N	
B171208-BLK1	B171208-BLK1	Chromium, Total		U		N	
B171208-BLK1	B171208-BLK1	Cobalt		U		N	
B171208-BLK1	B171208-BLK1	Copper		U		N	
B171208-BLK1	B171208-BLK1	Iron		U		N	
B171208-BLK1	B171208-BLK1	Lead		U		N	
B171208-BLK1	B171208-BLK1	Magnesium		U		N	
B171208-BLK1	B171208-BLK1	Manganese		U		N	
B171208-BLK1	B171208-BLK1	Nickel		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171208-BLK1	B171208-BLK1	Potassium		U		N	
B171208-BLK1	B171208-BLK1	Selenium		U		N	
B171208-BLK1	B171208-BLK1	Silver		U		N	
B171208-BLK1	B171208-BLK1	Sodium		U		N	
B171208-BLK1	B171208-BLK1	Thallium		U		N	
B171208-BLK1	B171208-BLK1	Vanadium		U		N	
B171208-BLK1	B171208-BLK1	Zinc		U		N	
B171208-BS1	B171208-BS1	Aluminum	5340			N	
B171208-BS1	B171208-BS1	Antimony	157			N	
B171208-BS1	B171208-BS1	Arsenic	63.6			N	
B171208-BS1	B171208-BS1	Barium	106			N	
B171208-BS1	B171208-BS1	Beryllium	76.3			N	
B171208-BS1	B171208-BS1	Cadmium	80.6			N	
B171208-BS1	B171208-BS1	Calcium	6250			N	
B171208-BS1	B171208-BS1	Chromium, Total	64.8			N	
B171208-BS1	B171208-BS1	Cobalt	60.9			N	
B171208-BS1	B171208-BS1	Copper	60.3			N	
B171208-BS1	B171208-BS1	Iron	12300			N	
B171208-BS1	B171208-BS1	Lead	89.3			N	
B171208-BS1	B171208-BS1	Magnesium	2230			N	
B171208-BS1	B171208-BS1	Manganese	289			N	
B171208-BS1	B171208-BS1	Nickel	63.4			N	
B171208-BS1	B171208-BS1	Potassium	2200			N	
B171208-BS1	B171208-BS1	Selenium	85.5			N	
B171208-BS1	B171208-BS1	Silver	55.8			N	
B171208-BS1	B171208-BS1	Sodium	784			N	
B171208-BS1	B171208-BS1	Thallium	187			N	
B171208-BS1	B171208-BS1	Vanadium	52.4			N	
B171208-BS1	B171208-BS1	Zinc	215			N	
B171208-BSD1	B171208-BSD1	Aluminum	4980			N	
B171208-BSD1	B171208-BSD1	Antimony	168			N	
B171208-BSD1	B171208-BSD1	Arsenic	65.1			N	
B171208-BSD1	B171208-BSD1	Barium	100			N	
B171208-BSD1	B171208-BSD1	Beryllium	78.4			N	
B171208-BSD1	B171208-BSD1	Cadmium	81			N	
B171208-BSD1	B171208-BSD1	Calcium	6200			N	
B171208-BSD1	B171208-BSD1	Chromium, Total	63.8			N	
B171208-BSD1	B171208-BSD1	Cobalt	61.2			N	
B171208-BSD1	B171208-BSD1	Copper	60.5			N	
B171208-BSD1	B171208-BSD1	Iron	11700			N	
B171208-BSD1	B171208-BSD1	Lead	86.4			N	
B171208-BSD1	B171208-BSD1	Magnesium	2130			N	
B171208-BSD1	B171208-BSD1	Manganese	258			N	
B171208-BSD1	B171208-BSD1	Nickel	63.9			N	
B171208-BSD1	B171208-BSD1	Potassium	2070			N	
B171208-BSD1	B171208-BSD1	Selenium	88			N	
B171208-BSD1	B171208-BSD1	Silver	56.4			N	
B171208-BSD1	B171208-BSD1	Sodium	792			N	
B171208-BSD1	B171208-BSD1	Thallium	188			N	
B171208-BSD1	B171208-BSD1	Vanadium	51.4			N	
B171208-BSD1	B171208-BSD1	Zinc	215			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Aluminum	6690			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Arsenic	17.7			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Barium	128			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Beryllium	1.06			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Cadmium	1.01			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Calcium	53000			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Chromium, Total	293			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Cobalt	4.63			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Copper	71			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Iron	47400	D		N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Lead	163			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Magnesium	9340			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Manganese	6860			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Nickel	18			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171208-DUP1	Potassium	834			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Selenium	2.7	J		N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Silver		U		N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Thallium	10.5			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Vanadium	144			N	
LW-03/MS/MSD-COMP-4	B171208-DUP1	Zinc	182			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Aluminum	5490			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Arsenic	161			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Barium	317			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Beryllium	149			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Cadmium	138			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Calcium	43700			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Cobalt	135			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Copper	202			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Iron	40300	D		N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Lead	303			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Magnesium	8090			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Manganese	7160			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Nickel	169			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Potassium	2350			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Selenium	146			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Silver	133			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Thallium	130			N	
LW-03/MS/MSD-COMP-4	B171208-MS1	Vanadium	285			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Aluminum	7780			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Arsenic	158			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Barium	255			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Beryllium	139			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Cadmium	129			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Calcium	58100			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Cobalt	126			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Copper	192			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Iron	42500	D		N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Lead	261			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Magnesium	11400			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Manganese	5220			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Nickel	142			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Potassium	2560			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Selenium	139			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Silver	125			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Thallium	124			N	
LW-03/MS/MSD-COMP-4	B171208-MSD1	Vanadium	220			N	
B171217-BLK1	B171217-BLK1	Mercury		U		N	
B171217-BS1	B171217-BS1	Mercury	9.15	D		N	
B171217-BSD1	B171217-BSD1	Mercury	9.6	D		N	
LW-03/MS/MSD-COMP-4	B171217-DUP1	Mercury	0.0816			N	
B171259-BLK1	B171259-BLK1	1,1,1,2-Tetrachloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1,1-Trichloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1,2,2-Tetrachloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1,2-Trichloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1-Dichloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,1-Dichloroethene		U		N	
B171259-BLK1	B171259-BLK1	1,1-Dichloropropene		U		N	
B171259-BLK1	B171259-BLK1	1,2,3-Trichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,2,3-Trichloropropane		U		N	
B171259-BLK1	B171259-BLK1	1,2,4-Trichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,2,4-Trimethylbenzene		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dibromo-3-Chloropropane		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dichloroethane		U		N	
B171259-BLK1	B171259-BLK1	1,2-Dichloroethane-D4	97.2			N	
B171259-BLK1	B171259-BLK1	1,2-Dichloropropane		U		N	
B171259-BLK1	B171259-BLK1	1,3,5-Trichlorobenzene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171259-BLK1	B171259-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
B171259-BLK1	B171259-BLK1	1,3-Dichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,3-Dichloropropane		U		N	
B171259-BLK1	B171259-BLK1	1,4-Dichlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	1,4-Dichlorobenzene-D4	0.06			N	
B171259-BLK1	B171259-BLK1	1,4-Difluorobenzene	0.06			N	
B171259-BLK1	B171259-BLK1	1,4-Dioxane (P-Dioxane)		U		N	
B171259-BLK1	B171259-BLK1	2,2-Dichloropropane		U		N	
B171259-BLK1	B171259-BLK1	2-Chlorotoluene		U		N	
B171259-BLK1	B171259-BLK1	2-Hexanone		U		N	
B171259-BLK1	B171259-BLK1	2-Methoxy-2-Methylbutane		U		N	
B171259-BLK1	B171259-BLK1	4-Chlorotoluene		U		N	
B171259-BLK1	B171259-BLK1	Acetone		U		N	
B171259-BLK1	B171259-BLK1	Acrylonitrile		U		N	
B171259-BLK1	B171259-BLK1	Benzene		U		N	
B171259-BLK1	B171259-BLK1	Bromobenzene		U		N	
B171259-BLK1	B171259-BLK1	Bromochloromethane		U		N	
B171259-BLK1	B171259-BLK1	Bromodichloromethane		U		N	
B171259-BLK1	B171259-BLK1	Bromoform		U		N	
B171259-BLK1	B171259-BLK1	Bromomethane		U		N	
B171259-BLK1	B171259-BLK1	Carbon Disulfide		U		N	
B171259-BLK1	B171259-BLK1	Carbon Tetrachloride		U		N	
B171259-BLK1	B171259-BLK1	Chlorobenzene		U		N	
B171259-BLK1	B171259-BLK1	Chlorobenzene-D5	0.06			N	
B171259-BLK1	B171259-BLK1	Chloroethane		U		N	
B171259-BLK1	B171259-BLK1	Chloroform		U		N	
B171259-BLK1	B171259-BLK1	Chloromethane		U		N	
B171259-BLK1	B171259-BLK1	Cis-1,2-Dichloroethylene		U		N	
B171259-BLK1	B171259-BLK1	Cis-1,3-Dichloropropene		U		N	
B171259-BLK1	B171259-BLK1	Cyclohexane		U		N	
B171259-BLK1	B171259-BLK1	Cymene		U		N	
B171259-BLK1	B171259-BLK1	Dibromochloromethane		U		N	
B171259-BLK1	B171259-BLK1	Dibromomethane		U		N	
B171259-BLK1	B171259-BLK1	Dichlorodifluoromethane		U		N	
B171259-BLK1	B171259-BLK1	Diethyl Ether (Ethyl Ether)		U		N	
B171259-BLK1	B171259-BLK1	Ethyl Tert-Butyl Ether		U		N	
B171259-BLK1	B171259-BLK1	Ethylbenzene		U		N	
B171259-BLK1	B171259-BLK1	Hexachlorobutadiene		U		N	
B171259-BLK1	B171259-BLK1	Isopropyl Ether		U		N	
B171259-BLK1	B171259-BLK1	Isopropylbenzene (Cumene)		U		N	
B171259-BLK1	B171259-BLK1	m,p-Xylene		U		N	
B171259-BLK1	B171259-BLK1	Methyl Acetate		U		N	
B171259-BLK1	B171259-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		N	
B171259-BLK1	B171259-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
B171259-BLK1	B171259-BLK1	Methylcyclohexane		U		N	
B171259-BLK1	B171259-BLK1	Methylene Chloride		U		N	
B171259-BLK1	B171259-BLK1	Naphthalene		U		N	
B171259-BLK1	B171259-BLK1	N-Butylbenzene		U		N	
B171259-BLK1	B171259-BLK1	N-Propylbenzene		U		N	
B171259-BLK1	B171259-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		N	
B171259-BLK1	B171259-BLK1	p-Bromofluorobenzene	88.6			N	
B171259-BLK1	B171259-BLK1	Pentafluorobenzene	0.06			N	
B171259-BLK1	B171259-BLK1	Sec-Butylbenzene		U		N	
B171259-BLK1	B171259-BLK1	Styrene		U		N	
B171259-BLK1	B171259-BLK1	T-Butylbenzene		U		N	
B171259-BLK1	B171259-BLK1	Tert-Butyl Alcohol		U		N	
B171259-BLK1	B171259-BLK1	Tert-Butyl Methyl Ether		U		N	
B171259-BLK1	B171259-BLK1	Tetrachloroethylene (PCE)		U		N	
B171259-BLK1	B171259-BLK1	Tetrahydrofuran		U		N	
B171259-BLK1	B171259-BLK1	Toluene		U		N	
B171259-BLK1	B171259-BLK1	Toluene-D8	96.8			N	
B171259-BLK1	B171259-BLK1	Trans-1,2-Dichloroethene		U		N	
B171259-BLK1	B171259-BLK1	Trans-1,3-Dichloropropene		U		N	
B171259-BLK1	B171259-BLK1	Trans-1,4-Dichloro-2-Butene		U		N	
B171259-BLK1	B171259-BLK1	Trichloroethylene (TCE)		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171259-BLK1	B171259-BLK1	Trichlorofluoromethane		U		N	
B171259-BLK1	B171259-BLK1	Vinyl Chloride		U		N	
B171259-BS1	B171259-BS1	1,1,1,2-Tetrachloroethane	0.0225			N	
B171259-BS1	B171259-BS1	1,1,1-Trichloroethane	0.0211			N	
B171259-BS1	B171259-BS1	1,1,2,2-Tetrachloroethane	0.0188			N	
B171259-BS1	B171259-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0218			N	
B171259-BS1	B171259-BS1	1,1,2-Trichloroethane	0.0201			N	
B171259-BS1	B171259-BS1	1,1-Dichloroethane	0.0221			N	
B171259-BS1	B171259-BS1	1,1-Dichloroethene	0.0229			N	
B171259-BS1	B171259-BS1	1,1-Dichloropropene	0.0207			N	
B171259-BS1	B171259-BS1	1,2,3-Trichlorobenzene	0.018			N	
B171259-BS1	B171259-BS1	1,2,3-Trichloropropane	0.0189			N	
B171259-BS1	B171259-BS1	1,2,4-Trichlorobenzene	0.018			N	
B171259-BS1	B171259-BS1	1,2,4-Trimethylbenzene	0.0206			N	
B171259-BS1	B171259-BS1	1,2-Dibromo-3-Chloropropane	0.0189			N	
B171259-BS1	B171259-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0205			N	
B171259-BS1	B171259-BS1	1,2-Dichlorobenzene	0.0215			N	
B171259-BS1	B171259-BS1	1,2-Dichloroethane	0.0241			N	
B171259-BS1	B171259-BS1	1,2-Dichloroethane-D4	97.2			N	
B171259-BS1	B171259-BS1	1,2-Dichloropropane	0.0222			N	
B171259-BS1	B171259-BS1	1,3,5-Trichlorobenzene	0.0195			N	
B171259-BS1	B171259-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0225			N	
B171259-BS1	B171259-BS1	1,3-Dichlorobenzene	0.0221			N	
B171259-BS1	B171259-BS1	1,3-Dichloropropane	0.0193			N	
B171259-BS1	B171259-BS1	1,4-Dichlorobenzene	0.0214			N	
B171259-BS1	B171259-BS1	1,4-Dichlorobenzene-D4	0.06			N	
B171259-BS1	B171259-BS1	1,4-Difluorobenzene	0.06			N	
B171259-BS1	B171259-BS1	1,4-Dioxane (P-Dioxane)	0.16			N	
B171259-BS1	B171259-BS1	2,2-Dichloropropane	0.0181			N	
B171259-BS1	B171259-BS1	2-Chlorotoluene	0.0228			N	
B171259-BS1	B171259-BS1	2-Hexanone	0.216			N	
B171259-BS1	B171259-BS1	2-Methoxy-2-Methylbutane	0.0165			N	
B171259-BS1	B171259-BS1	4-Chlorotoluene	0.0216			N	
B171259-BS1	B171259-BS1	Acetone	0.195			N	
B171259-BS1	B171259-BS1	Acrylonitrile	0.0198			N	
B171259-BS1	B171259-BS1	Benzene	0.0206			N	
B171259-BS1	B171259-BS1	Bromobenzene	0.0204			N	
B171259-BS1	B171259-BS1	Bromochloromethane	0.028			N	
B171259-BS1	B171259-BS1	Bromodichloromethane	0.0221			N	
B171259-BS1	B171259-BS1	Bromoform	0.023			N	
B171259-BS1	B171259-BS1	Bromomethane	0.0155			N	
B171259-BS1	B171259-BS1	Carbon Disulfide	0.0215			N	
B171259-BS1	B171259-BS1	Carbon Tetrachloride	0.0214			N	
B171259-BS1	B171259-BS1	Chlorobenzene	0.0227			N	
B171259-BS1	B171259-BS1	Chlorobenzene-D5	0.06			N	
B171259-BS1	B171259-BS1	Chloroethane		U		N	
B171259-BS1	B171259-BS1	Chloroform	0.0211			N	
B171259-BS1	B171259-BS1	Chloromethane	0.0202			N	
B171259-BS1	B171259-BS1	Cis-1,2-Dichloroethylene	0.0201			N	
B171259-BS1	B171259-BS1	Cis-1,3-Dichloropropene	0.0185			N	
B171259-BS1	B171259-BS1	Cyclohexane	0.0222			N	
B171259-BS1	B171259-BS1	Cymene	0.0217			N	
B171259-BS1	B171259-BS1	Dibromochloromethane	0.0236			N	
B171259-BS1	B171259-BS1	Dibromomethane	0.0219			N	
B171259-BS1	B171259-BS1	Dichlorodifluoromethane	0.0207			N	
B171259-BS1	B171259-BS1	Diethyl Ether (Ethyl Ether)	0.0205			N	
B171259-BS1	B171259-BS1	Ethyl Tert-Butyl Ether	0.0194			N	
B171259-BS1	B171259-BS1	Ethylbenzene	0.0222			N	
B171259-BS1	B171259-BS1	Hexachlorobutadiene	0.024			N	
B171259-BS1	B171259-BS1	Isopropyl Ether	0.0232			N	
B171259-BS1	B171259-BS1	Isopropylbenzene (Cumene)	0.0237			N	
B171259-BS1	B171259-BS1	m,p-Xylene	0.0452			N	
B171259-BS1	B171259-BS1	Methyl Acetate	0.0296			N	
B171259-BS1	B171259-BS1	Methyl Ethyl Ketone (2-Butanone)	0.21			N	
B171259-BS1	B171259-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.218			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171259-BS1	B171259-BS1	Methylcyclohexane	0.0217			N	
B171259-BS1	B171259-BS1	Methylene Chloride	0.0256			N	
B171259-BS1	B171259-BS1	Naphthalene	0.0157			N	
B171259-BS1	B171259-BS1	N-Butylbenzene	0.0214			N	
B171259-BS1	B171259-BS1	N-Propylbenzene	0.0226			N	
B171259-BS1	B171259-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0216			N	
B171259-BS1	B171259-BS1	p-Bromofluorobenzene	95.5			N	
B171259-BS1	B171259-BS1	Pentafluorobenzene	0.06			N	
B171259-BS1	B171259-BS1	Sec-Butylbenzene	0.022			N	
B171259-BS1	B171259-BS1	Styrene	0.0215			N	
B171259-BS1	B171259-BS1	T-Butylbenzene	0.0215			N	
B171259-BS1	B171259-BS1	Tert-Butyl Alcohol	0.151			N	
B171259-BS1	B171259-BS1	Tert-Butyl Methyl Ether	0.0178			N	
B171259-BS1	B171259-BS1	Tetrachloroethylene (PCE)	0.0246			N	
B171259-BS1	B171259-BS1	Tetrahydrofuran	0.0201			N	
B171259-BS1	B171259-BS1	Toluene	0.0222			N	
B171259-BS1	B171259-BS1	Toluene-D8	98.2			N	
B171259-BS1	B171259-BS1	Trans-1,2-Dichloroethene	0.0252			N	
B171259-BS1	B171259-BS1	Trans-1,3-Dichloropropene	0.0186			N	
B171259-BS1	B171259-BS1	Trans-1,4-Dichloro-2-Butene	0.0188			N	
B171259-BS1	B171259-BS1	Trichloroethylene (TCE)	0.0225			N	
B171259-BS1	B171259-BS1	Trichlorofluoromethane	0.0249			N	
B171259-BS1	B171259-BS1	Vinyl Chloride	0.0188			N	
B171259-BSD1	B171259-BSD1	1,1,1,2-Tetrachloroethane	0.0248			N	
B171259-BSD1	B171259-BSD1	1,1,1-Trichloroethane	0.0216			N	
B171259-BSD1	B171259-BSD1	1,1,2,2-Tetrachloroethane	0.0208			N	
B171259-BSD1	B171259-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0218			N	
B171259-BSD1	B171259-BSD1	1,1,2-Trichloroethane	0.0207			N	
B171259-BSD1	B171259-BSD1	1,1-Dichloroethane	0.0216			N	
B171259-BSD1	B171259-BSD1	1,1-Dichloroethene	0.0229			N	
B171259-BSD1	B171259-BSD1	1,1-Dichloropropene	0.0211			N	
B171259-BSD1	B171259-BSD1	1,2,3-Trichlorobenzene	0.0188			N	
B171259-BSD1	B171259-BSD1	1,2,3-Trichloropropane	0.0222			N	
B171259-BSD1	B171259-BSD1	1,2,4-Trichlorobenzene	0.0195			N	
B171259-BSD1	B171259-BSD1	1,2,4-Trimethylbenzene	0.0226			N	
B171259-BSD1	B171259-BSD1	1,2-Dibromo-3-Chloropropane	0.0215			N	
B171259-BSD1	B171259-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0224			N	
B171259-BSD1	B171259-BSD1	1,2-Dichlorobenzene	0.0239			N	
B171259-BSD1	B171259-BSD1	1,2-Dichloroethane	0.0247			N	
B171259-BSD1	B171259-BSD1	1,2-Dichloroethane-D4	98.7			N	
B171259-BSD1	B171259-BSD1	1,2-Dichloropropane	0.0221			N	
B171259-BSD1	B171259-BSD1	1,3,5-Trichlorobenzene	0.0214			N	
B171259-BSD1	B171259-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0245			N	
B171259-BSD1	B171259-BSD1	1,3-Dichlorobenzene	0.0241			N	
B171259-BSD1	B171259-BSD1	1,3-Dichloropropane	0.021			N	
B171259-BSD1	B171259-BSD1	1,4-Dichlorobenzene	0.0236			N	
B171259-BSD1	B171259-BSD1	1,4-Dichlorobenzene-D4	0.06			N	
B171259-BSD1	B171259-BSD1	1,4-Difluorobenzene	0.06			N	
B171259-BSD1	B171259-BSD1	1,4-Dioxane (P-Dioxane)	0.158			N	
B171259-BSD1	B171259-BSD1	2,2-Dichloropropane	0.017			N	
B171259-BSD1	B171259-BSD1	2-Chlorotoluene	0.0252			N	
B171259-BSD1	B171259-BSD1	2-Hexanone	0.241			N	
B171259-BSD1	B171259-BSD1	2-Methoxy-2-Methylbutane	0.0167			N	
B171259-BSD1	B171259-BSD1	4-Chlorotoluene	0.024			N	
B171259-BSD1	B171259-BSD1	Acetone	0.216			N	
B171259-BSD1	B171259-BSD1	Acrylonitrile	0.0201			N	
B171259-BSD1	B171259-BSD1	Benzene	0.0208			N	
B171259-BSD1	B171259-BSD1	Bromobenzene	0.0225			N	
B171259-BSD1	B171259-BSD1	Bromochloromethane	0.0287			N	
B171259-BSD1	B171259-BSD1	Bromodichloromethane	0.0231			N	
B171259-BSD1	B171259-BSD1	Bromoform	0.0249			N	
B171259-BSD1	B171259-BSD1	Bromomethane	0.0159			N	
B171259-BSD1	B171259-BSD1	Carbon Disulfide	0.0217			N	
B171259-BSD1	B171259-BSD1	Carbon Tetrachloride	0.0215			N	
B171259-BSD1	B171259-BSD1	Chlorobenzene	0.025			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171259-BSD1	B171259-BSD1	Chlorobenzene-D5	0.06			N	
B171259-BSD1	B171259-BSD1	Chloroethane		U		N	
B171259-BSD1	B171259-BSD1	Chloroform	0.0212			N	
B171259-BSD1	B171259-BSD1	Chloromethane	0.0215			N	
B171259-BSD1	B171259-BSD1	Cis-1,2-Dichloroethylene	0.0202			N	
B171259-BSD1	B171259-BSD1	Cis-1,3-Dichloropropene	0.0196			N	
B171259-BSD1	B171259-BSD1	Cyclohexane	0.0218			N	
B171259-BSD1	B171259-BSD1	Cymene	0.0235			N	
B171259-BSD1	B171259-BSD1	Dibromochloromethane	0.0255			N	
B171259-BSD1	B171259-BSD1	Dibromomethane	0.0221			N	
B171259-BSD1	B171259-BSD1	Dichlorodifluoromethane	0.0211			N	
B171259-BSD1	B171259-BSD1	Diethyl Ether (Ethyl Ether)		U		N	
B171259-BSD1	B171259-BSD1	Ethyl Tert-Butyl Ether	0.0189			N	
B171259-BSD1	B171259-BSD1	Ethylbenzene	0.0241			N	
B171259-BSD1	B171259-BSD1	Hexachlorobutadiene	0.0253			N	
B171259-BSD1	B171259-BSD1	Isopropyl Ether	0.0225			N	
B171259-BSD1	B171259-BSD1	Isopropylbenzene (Cumene)	0.0263			N	
B171259-BSD1	B171259-BSD1	m,p-Xylene	0.0487			N	
B171259-BSD1	B171259-BSD1	Methyl Acetate	0.0289			N	
B171259-BSD1	B171259-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.223			N	
B171259-BSD1	B171259-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.241			N	
B171259-BSD1	B171259-BSD1	Methylcyclohexane	0.0223			N	
B171259-BSD1	B171259-BSD1	Methylene Chloride	0.0258			N	
B171259-BSD1	B171259-BSD1	Naphthalene	0.0184			N	
B171259-BSD1	B171259-BSD1	N-Butylbenzene	0.0235			N	
B171259-BSD1	B171259-BSD1	N-Propylbenzene	0.0248			N	
B171259-BSD1	B171259-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.024			N	
B171259-BSD1	B171259-BSD1	p-Bromofluorobenzene	97.1			N	
B171259-BSD1	B171259-BSD1	Pentafluorobenzene	0.06			N	
B171259-BSD1	B171259-BSD1	Sec-Butylbenzene	0.0244			N	
B171259-BSD1	B171259-BSD1	Styrene	0.0234			N	
B171259-BSD1	B171259-BSD1	T-Butylbenzene	0.0235			N	
B171259-BSD1	B171259-BSD1	Tert-Butyl Alcohol	0.109			N	
B171259-BSD1	B171259-BSD1	Tert-Butyl Methyl Ether	0.0153			N	
B171259-BSD1	B171259-BSD1	Tetrachloroethylene (PCE)	0.0257			N	
B171259-BSD1	B171259-BSD1	Tetrahydrofuran	0.0228			N	
B171259-BSD1	B171259-BSD1	Toluene	0.0233			N	
B171259-BSD1	B171259-BSD1	Toluene-D8	99.6			N	
B171259-BSD1	B171259-BSD1	Trans-1,2-Dichloroethene	0.0259			N	
B171259-BSD1	B171259-BSD1	Trans-1,3-Dichloropropene	0.0199			N	
B171259-BSD1	B171259-BSD1	Trans-1,4-Dichloro-2-Butene	0.0215			N	
B171259-BSD1	B171259-BSD1	Trichloroethylene (TCE)	0.0237			N	
B171259-BSD1	B171259-BSD1	Trichlorofluoromethane	0.0244			N	
B171259-BSD1	B171259-BSD1	Vinyl Chloride	0.0191			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,1,2-Tetrachloroethane	0.0293			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,1-Trichloroethane	0.0256			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,2,2-Tetrachloroethane	0.025			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0249			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1,2-Trichloroethane	0.027			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1-Dichloroethane	0.0264			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1-Dichloroethene	0.0263			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,1-Dichloropropene	0.0241			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2,3-Trichlorobenzene	0.0242			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2,3-Trichloropropane	0.0268			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2,4-Trichlorobenzene	0.0217			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2,4-Trimethylbenzene	0.0267			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dibromo-3-Chloropropane	0.0292			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0274			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dichlorobenzene	0.0284			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dichloroethane	0.0309			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dichloroethane-D4	97.6			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,2-Dichloropropane	0.0268			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,3,5-Trichlorobenzene	0.0245			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,3,5-Trimethylbenzene (Mesitylene)	0.027			N	
LW-03/MS/MSD-COMP-4	B171259-MS1	1,3-Dichlorobenzene	0.0281			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4 B171259-MS1		1,3-Dichloropropane	0.0259			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		1,4-Dichlorobenzene	0.0265			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		1,4-Dichlorobenzene-D4	0.0727			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		1,4-Difluorobenzene	0.0727			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		1,4-Dioxane (P-Dioxane)	0.285			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		2,2-Dichloropropane	0.0197			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		2-Chlorotoluene	0.028			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		2-Hexanone	0.327			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		2-Methoxy-2-Methylbutane	0.0215			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		2-Chlorotoluene	0.0258			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Acetone	0.327			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Acrylonitrile	0.0256			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Benzene	0.0249			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Bromobenzene	0.0247			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Bromochloromethane	0.0339			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Bromodichloromethane	0.0283			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Bromoform	0.0319			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Bromomethane	0.0205			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Carbon Disulfide	0.0243			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Carbon Tetrachloride	0.0244			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Chlorobenzene	0.0279			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Chlorobenzene-D5	0.0727			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Chloroethane		U		N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Chloroform	0.0252			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Chloromethane	0.0248			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Cis-1,2-Dichloroethylene	0.0241			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Cis-1,3-Dichloropropene	0.0229			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Cyclohexane	0.0253			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Cymene	0.0278			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Dibromochloromethane	0.0301			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Dibromomethane	0.0276			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Dichlorodifluoromethane		U		N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Diethyl Ether (Ethyl Ether)	0.0265			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Ethyl Tert-Butyl Ether	0.0242			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Ethylbenzene	0.0273			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Hexachlorobutadiene	0.0267			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Isopropyl Ether	0.0278			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Isopropylbenzene (Cumene)	0.0294			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		m,p-Xylene	0.055			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Methyl Acetate	0.0544			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Methyl Ethyl Ketone (2-Butanone)	0.299			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.319			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Methylcyclohexane	0.0248			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Methylene Chloride	0.0328			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Naphthalene	0.0241			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		N-Butylbenzene	0.0263			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		N-Propylbenzene	0.0267			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		O-Xylene (1,2-Dimethylbenzene)	0.0272			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		p-Bromofluorobenzene	93.8			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Pentafluorobenzene	0.0727			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Sec-Butylbenzene	0.0281			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Styrene	0.0266			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		T-Butylbenzene	0.0279			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Tert-Butyl Alcohol	0.139			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Tert-Butyl Methyl Ether	0.0202			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Tetrachloroethylene (PCE)	0.0289			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Tetrahydrofuran	0.0297			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Toluene	0.0274			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Toluene-D8	99.4			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Trans-1,2-Dichloroethene	0.0308			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Trans-1,3-Dichloropropene	0.023			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Trans-1,4-Dichloro-2-Butene	0.0254			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Trichloroethylene (TCE)	0.0296			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Trichlorofluoromethane	0.0288			N	
LW-03/MS/MSD-COMP-4 B171259-MS1		Vinyl Chloride	0.0227			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,1,2-Tetrachloroethane	0.03			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,1-Trichloroethane	0.0261			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,2,2-Tetrachloroethane	0.0278			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,2-Trichloro-1,1,2,2-Trifluoroethane	0.0262			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1,2-Trichloroethane	0.0294			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1-Dichloroethane	0.0271			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1-Dichloroethene	0.0274			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,1-Dichloropropene	0.0253			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2,3-Trichlorobenzene	0.0265			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2,3-Trichloropropane	0.0291			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2,4-Trichlorobenzene	0.0244			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2,4-Trimethylbenzene	0.0286			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dibromo-3-Chloropropane	0.0333			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dibromoethane (Ethylene Dibromide)	0.0289			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dichlorobenzene	0.0309			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dichloroethane	0.0317			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dichloroethane-D4	100			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,2-Dichloropropane	0.0277			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,3,5-Trichlorobenzene	0.0273			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,3,5-Trimethylbenzene (Mesitylene)	0.0292			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,3-Dichlorobenzene	0.0304			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,3-Dichloropropane	0.0265			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,4-Dichlorobenzene	0.0294			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,4-Dichlorobenzene-D4	0.0741			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,4-Difluorobenzene	0.0741			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		1,4-Dioxane (P-Dioxane)	0.327			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		2,2-Dichloropropane	0.0201			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		2-Chlorotoluene	0.0293			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		2-Hexanone	0.355			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		2-Methoxy-2-Methylbutane	0.0219			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		4-Chlorotoluene	0.0277			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Acetone	0.349			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Acrylonitrile	0.0287			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Benzene	0.0254			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromobenzene	0.0266			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromochloromethane	0.0357			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromodichloromethane	0.0286			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromoform	0.033			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Bromomethane	0.0205			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Carbon Disulfide	0.0253			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Carbon Tetrachloride	0.0249			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chlorobenzene	0.0289			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chlorobenzene-D5	0.0741			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chloroethane		U		N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chloroform	0.0258			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Chloromethane	0.0255			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Cis-1,2-Dichloroethylene	0.0243			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Cis-1,3-Dichloropropene	0.0237			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Cyclohexane	0.0255			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Cymene	0.0296			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Dibromochloromethane	0.033			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Dibromomethane	0.0293			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Dichlorodifluoromethane	0.0251			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Diethyl Ether (Ethyl Ether)	0.027			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Ethyl Tert-Butyl Ether	0.0245			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Ethylbenzene	0.0285			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Hexachlorobutadiene	0.0285			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Isopropyl Ether	0.0286			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Isopropylbenzene (Cumene)	0.0306			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		m,p-Xylene	0.0566			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methyl Acetate	0.0566			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methyl Ethyl Ketone (2-Butanone)	0.332			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.352			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methylcyclohexane	0.0248			N	
LW-03/MS/MSD-COMP-4 B171259-MSD1		Methylene Chloride	0.0329			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171259-MSD1	Naphthalene	0.0274			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	N-Butylbenzene	0.0287			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	N-Propylbenzene	0.0288			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	O-Xylene (1,2-Dimethylbenzene)	0.0281			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	p-Bromofluorobenzene	92.8			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Pentafluorobenzene	0.0741			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Sec-Butylbenzene	0.0302			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Styrene	0.0283			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	T-Butylbenzene	0.0296			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Tert-Butyl Alcohol	0.15			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Tert-Butyl Methyl Ether	0.0192			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Tetrachloroethylene (PCE)	0.0308			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Tetrahydrofuran	0.0302			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Toluene	0.0278			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Toluene-D8	99.6			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trans-1,2-Dichloroethene	0.0293			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trans-1,3-Dichloropropene	0.025			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trans-1,4-Dichloro-2-Butene	0.028			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trichloroethylene (TCE)	0.0285			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Trichlorofluoromethane	0.0295			N	
LW-03/MS/MSD-COMP-4	B171259-MSD1	Vinyl Chloride	0.0225			N	
B171280-BLK1	B171280-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	90.5			N	
B171280-BLK1	B171280-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	95.7			N	
B171280-BLK1	B171280-BLK1	Decachlorobiphenyl (PCB 209)	66.7			N	
B171280-BLK1	B171280-BLK1	Decachlorobiphenyl (PCB 209)	68.6			N	
B171280-BLK1	B171280-BLK1	PCB-1016 (Aroclor 1016)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1016 (Aroclor 1016)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1221 (Aroclor 1221)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1221 (Aroclor 1221)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1232 (Aroclor 1232)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1232 (Aroclor 1232)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1242 (Aroclor 1242)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1242 (Aroclor 1242)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1248 (Aroclor 1248)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1248 (Aroclor 1248)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1254 (Aroclor 1254)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1254 (Aroclor 1254)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1260 (Aroclor 1260)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1260 (Aroclor 1260)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1262 (Aroclor 1262)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1262 (Aroclor 1262)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1268 (Aroclor 1268)		U		N	
B171280-BLK1	B171280-BLK1	PCB-1268 (Aroclor 1268)		U		N	
B171280-BS1	B171280-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	79.3			N	
B171280-BS1	B171280-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	84			N	
B171280-BS1	B171280-BS1	Decachlorobiphenyl (PCB 209)	73.9			N	
B171280-BS1	B171280-BS1	Decachlorobiphenyl (PCB 209)	76.9			N	
B171280-BS1	B171280-BS1	PCB-1016 (Aroclor 1016)	0.44			N	
B171280-BS1	B171280-BS1	PCB-1016 (Aroclor 1016)	0.42			N	
B171280-BS1	B171280-BS1	PCB-1260 (Aroclor 1260)	0.41			N	
B171280-BS1	B171280-BS1	PCB-1260 (Aroclor 1260)	0.4			N	
B171280-BSD1	B171280-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	68.6			N	
B171280-BSD1	B171280-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	73.7			N	
B171280-BSD1	B171280-BSD1	Decachlorobiphenyl (PCB 209)	75.7			N	
B171280-BSD1	B171280-BSD1	Decachlorobiphenyl (PCB 209)	79.7			N	
B171280-BSD1	B171280-BSD1	PCB-1016 (Aroclor 1016)	0.44			N	
B171280-BSD1	B171280-BSD1	PCB-1016 (Aroclor 1016)	0.41			N	
B171280-BSD1	B171280-BSD1	PCB-1260 (Aroclor 1260)	0.39			N	
B171280-BSD1	B171280-BSD1	PCB-1260 (Aroclor 1260)	0.39			N	
B171285-BLK1	B171285-BLK1	Arsenic		U		N	
B171285-BLK1	B171285-BLK1	Barium		U		N	
B171285-BLK1	B171285-BLK1	Cadmium		U		N	
B171285-BLK1	B171285-BLK1	Chromium, Total		U		N	
B171285-BLK1	B171285-BLK1	Lead		U		N	
B171285-BLK1	B171285-BLK1	Selenium		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171285-BLK1	B171285-BLK1	Silver		U		N	
B171285-BS1	B171285-BS1	Arsenic	0.549			N	
B171285-BS1	B171285-BS1	Barium	0.492			N	
B171285-BS1	B171285-BS1	Cadmium	0.494			N	
B171285-BS1	B171285-BS1	Chromium, Total	0.495			N	
B171285-BS1	B171285-BS1	Lead	0.469			N	
B171285-BS1	B171285-BS1	Selenium	0.558			N	
B171285-BS1	B171285-BS1	Silver	0.499			N	
B171285-BSD1	B171285-BSD1	Arsenic	0.552			N	
B171285-BSD1	B171285-BSD1	Barium	0.515			N	
B171285-BSD1	B171285-BSD1	Cadmium	0.517			N	
B171285-BSD1	B171285-BSD1	Chromium, Total	0.519			N	
B171285-BSD1	B171285-BSD1	Lead	0.479			N	
B171285-BSD1	B171285-BSD1	Selenium	0.55			N	
B171285-BSD1	B171285-BSD1	Silver	0.511			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Arsenic	0.568			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Barium	0.826			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Cadmium	0.513			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Chromium, Total	0.502			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Lead	0.931			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Selenium	0.516			N	
LW-05-COMP1-0-6'MS1	B171285-MS1	Silver	0.394			N	
B171286-BLK1	B171286-BLK1	Arsenic		U		N	
B171286-BLK1	B171286-BLK1	Barium		U		N	
B171286-BLK1	B171286-BLK1	Cadmium		U		N	
B171286-BLK1	B171286-BLK1	Chromium, Total		U		N	
B171286-BLK1	B171286-BLK1	Lead		U		N	
B171286-BLK1	B171286-BLK1	Selenium		U		N	
B171286-BLK1	B171286-BLK1	Silver		U		N	
B171286-BS1	B171286-BS1	Arsenic	267	D		N	
B171286-BS1	B171286-BS1	Barium	268	D		N	
B171286-BS1	B171286-BS1	Cadmium	263	D		N	
B171286-BS1	B171286-BS1	Chromium, Total	263	D		N	
B171286-BS1	B171286-BS1	Lead	271	D		N	
B171286-BS1	B171286-BS1	Selenium	264	D		N	
B171286-BS1	B171286-BS1	Silver	250	D		N	
B171286-BSD1	B171286-BSD1	Arsenic	271	D		N	
B171286-BSD1	B171286-BSD1	Barium	270	D		N	
B171286-BSD1	B171286-BSD1	Cadmium	268	D		N	
B171286-BSD1	B171286-BSD1	Chromium, Total	264	D		N	
B171286-BSD1	B171286-BSD1	Lead	271	D		N	
B171286-BSD1	B171286-BSD1	Selenium	268	D		N	
B171286-BSD1	B171286-BSD1	Silver	252	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Arsenic	272	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Barium	489	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Cadmium	261	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Chromium, Total	263	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Lead	320	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Selenium	266	D		N	
LW-05-COMP1-0-6'MS1	B171286-MS1	Silver	230	D		N	
B171288-BLK1	B171288-BLK1	Mercury		U		N	
B171288-BS1	B171288-BS1	Mercury	0.00222			N	
B171288-BSD1	B171288-BSD1	Mercury	0.00211			N	
LW-05-COMP1-0-6'MS1	B171288-MS1	Mercury	0.00228			N	
B171289-BLK1	B171289-BLK1	Mercury		U		N	
B171289-BS1	B171289-BS1	Mercury	0.00216			N	
B171289-BSD1	B171289-BSD1	Mercury	0.00217			N	
LW-05-COMP1-0-6'MS1	B171289-MS1	Mercury	0.0022			N	
B171344-BLK1	B171344-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	71			N	
B171344-BLK1	B171344-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	67.4			N	
B171344-BLK1	B171344-BLK1	Alachlor		U		N	
B171344-BLK1	B171344-BLK1	Alachlor		U		N	
B171344-BLK1	B171344-BLK1	Aldrin		U		N	
B171344-BLK1	B171344-BLK1	Aldrin		U		N	
B171344-BLK1	B171344-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171344-BLK1	B171344-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Alpha Endosulfan		U		N	
B171344-BLK1	B171344-BLK1	Alpha Endosulfan		U		N	
B171344-BLK1	B171344-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Beta Endosulfan		U		N	
B171344-BLK1	B171344-BLK1	Beta Endosulfan		U		N	
B171344-BLK1	B171344-BLK1	Chlordane		U		N	
B171344-BLK1	B171344-BLK1	Chlordane		U		N	
B171344-BLK1	B171344-BLK1	cis-Chlordane		U		N	
B171344-BLK1	B171344-BLK1	cis-Chlordane		U		N	
B171344-BLK1	B171344-BLK1	Decachlorobiphenyl (PCB 209)	76.9			N	
B171344-BLK1	B171344-BLK1	Decachlorobiphenyl (PCB 209)	74.6			N	
B171344-BLK1	B171344-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
B171344-BLK1	B171344-BLK1	Dieldrin		U		N	
B171344-BLK1	B171344-BLK1	Dieldrin		U		N	
B171344-BLK1	B171344-BLK1	Endosulfan Sulfate		U		N	
B171344-BLK1	B171344-BLK1	Endosulfan Sulfate		U		N	
B171344-BLK1	B171344-BLK1	Endrin		U		N	
B171344-BLK1	B171344-BLK1	Endrin		U		N	
B171344-BLK1	B171344-BLK1	Endrin Aldehyde		U		N	
B171344-BLK1	B171344-BLK1	Endrin Aldehyde		U		N	
B171344-BLK1	B171344-BLK1	Endrin Ketone		U		N	
B171344-BLK1	B171344-BLK1	Endrin Ketone		U		N	
B171344-BLK1	B171344-BLK1	Gamma Bhc (Lindane)		U		N	
B171344-BLK1	B171344-BLK1	Gamma Bhc (Lindane)		U		N	
B171344-BLK1	B171344-BLK1	Heptachlor		U		N	
B171344-BLK1	B171344-BLK1	Heptachlor		U		N	
B171344-BLK1	B171344-BLK1	Heptachlor Epoxide		U		N	
B171344-BLK1	B171344-BLK1	Heptachlor Epoxide		U		N	
B171344-BLK1	B171344-BLK1	Hexachlorobenzene		U		N	
B171344-BLK1	B171344-BLK1	Hexachlorobenzene		U		N	
B171344-BLK1	B171344-BLK1	Methoxychlor		U		N	
B171344-BLK1	B171344-BLK1	Methoxychlor		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDD		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDD		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDE		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDE		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDT		U		N	
B171344-BLK1	B171344-BLK1	P,P'-DDT		U		N	
B171344-BLK1	B171344-BLK1	Toxaphene		U		N	
B171344-BLK1	B171344-BLK1	Toxaphene		U		N	
B171344-BLK1	B171344-BLK1	trans-Chlordane		U		N	
B171344-BLK1	B171344-BLK1	trans-Chlordane		U		N	
B171344-BS1	B171344-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	77.5			N	
B171344-BS1	B171344-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	71.4			N	
B171344-BS1	B171344-BS1	Alachlor	0.98			N	
B171344-BS1	B171344-BS1	Alachlor	0.96			N	
B171344-BS1	B171344-BS1	Aldrin	0.84			N	
B171344-BS1	B171344-BS1	Aldrin	0.76			N	
B171344-BS1	B171344-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.85			N	
B171344-BS1	B171344-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.79			N	
B171344-BS1	B171344-BS1	Alpha Endosulfan	0.83			N	
B171344-BS1	B171344-BS1	Alpha Endosulfan	0.83			N	
B171344-BS1	B171344-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.84			N	
B171344-BS1	B171344-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.79			N	
B171344-BS1	B171344-BS1	Beta Endosulfan	0.85			N	
B171344-BS1	B171344-BS1	Beta Endosulfan	0.85			N	
B171344-BS1	B171344-BS1	Decachlorobiphenyl (PCB 209)	87.1			N	
B171344-BS1	B171344-BS1	Decachlorobiphenyl (PCB 209)	84.2			N	
B171344-BS1	B171344-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.88			N	
B171344-BS1	B171344-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.79			N	
B171344-BS1	B171344-BS1	Dieldrin	0.86			N	
B171344-BS1	B171344-BS1	Dieldrin	0.81			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171344-BS1	B171344-BS1	Endosulfan Sulfate	0.89			N	
B171344-BS1	B171344-BS1	Endosulfan Sulfate	0.86			N	
B171344-BS1	B171344-BS1	Endrin	0.86			N	
B171344-BS1	B171344-BS1	Endrin	0.84			N	
B171344-BS1	B171344-BS1	Endrin Aldehyde	0.88			N	
B171344-BS1	B171344-BS1	Endrin Aldehyde	0.88			N	
B171344-BS1	B171344-BS1	Endrin Ketone	0.91			N	
B171344-BS1	B171344-BS1	Endrin Ketone	0.89			N	
B171344-BS1	B171344-BS1	Gamma Bhc (Lindane)	0.91			N	
B171344-BS1	B171344-BS1	Gamma Bhc (Lindane)	0.8			N	
B171344-BS1	B171344-BS1	Heptachlor	0.82			N	
B171344-BS1	B171344-BS1	Heptachlor	0.79			N	
B171344-BS1	B171344-BS1	Heptachlor Epoxide	0.85			N	
B171344-BS1	B171344-BS1	Heptachlor Epoxide	0.82			N	
B171344-BS1	B171344-BS1	Hexachlorobenzene	0.78			N	
B171344-BS1	B171344-BS1	Hexachlorobenzene	0.72			N	
B171344-BS1	B171344-BS1	Methoxychlor	0.87			N	
B171344-BS1	B171344-BS1	Methoxychlor	0.87			N	
B171344-BS1	B171344-BS1	P,P'-DDD	0.94			N	
B171344-BS1	B171344-BS1	P,P'-DDD	0.87			N	
B171344-BS1	B171344-BS1	P,P'-DDE	0.91			N	
B171344-BS1	B171344-BS1	P,P'-DDE	0.86			N	
B171344-BS1	B171344-BS1	P,P'-DDT	0.94			N	
B171344-BS1	B171344-BS1	P,P'-DDT	0.88			N	
B171344-BSD1	B171344-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	75.4			N	
B171344-BSD1	B171344-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	70.9			N	
B171344-BSD1	B171344-BSD1	Alachlor	1			N	
B171344-BSD1	B171344-BSD1	Alachlor	1			N	
B171344-BSD1	B171344-BSD1	Aldrin	0.84			N	
B171344-BSD1	B171344-BSD1	Aldrin	0.77			N	
B171344-BSD1	B171344-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.9			N	
B171344-BSD1	B171344-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.84			N	
B171344-BSD1	B171344-BSD1	Alpha Endosulfan	0.87			N	
B171344-BSD1	B171344-BSD1	Alpha Endosulfan	0.87			N	
B171344-BSD1	B171344-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.88			N	
B171344-BSD1	B171344-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.84			N	
B171344-BSD1	B171344-BSD1	Beta Endosulfan	0.89			N	
B171344-BSD1	B171344-BSD1	Beta Endosulfan	0.89			N	
B171344-BSD1	B171344-BSD1	Decachlorobiphenyl (PCB 209)	85.5			N	
B171344-BSD1	B171344-BSD1	Decachlorobiphenyl (PCB 209)	83.3			N	
B171344-BSD1	B171344-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.92			N	
B171344-BSD1	B171344-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.85			N	
B171344-BSD1	B171344-BSD1	Dieldrin	0.9			N	
B171344-BSD1	B171344-BSD1	Dieldrin	0.84			N	
B171344-BSD1	B171344-BSD1	Endosulfan Sulfate	0.93			N	
B171344-BSD1	B171344-BSD1	Endosulfan Sulfate	0.9			N	
B171344-BSD1	B171344-BSD1	Endrin	0.91			N	
B171344-BSD1	B171344-BSD1	Endrin	0.88			N	
B171344-BSD1	B171344-BSD1	Endrin Aldehyde	0.92			N	
B171344-BSD1	B171344-BSD1	Endrin Aldehyde	0.92			N	
B171344-BSD1	B171344-BSD1	Endrin Ketone	0.95			N	
B171344-BSD1	B171344-BSD1	Endrin Ketone	0.94			N	
B171344-BSD1	B171344-BSD1	Gamma Bhc (Lindane)	0.96			N	
B171344-BSD1	B171344-BSD1	Gamma Bhc (Lindane)	0.85			N	
B171344-BSD1	B171344-BSD1	Heptachlor	0.83			N	
B171344-BSD1	B171344-BSD1	Heptachlor	0.81			N	
B171344-BSD1	B171344-BSD1	Heptachlor Epoxide	0.89			N	
B171344-BSD1	B171344-BSD1	Heptachlor Epoxide	0.86			N	
B171344-BSD1	B171344-BSD1	Hexachlorobenzene	0.8			N	
B171344-BSD1	B171344-BSD1	Hexachlorobenzene	0.75			N	
B171344-BSD1	B171344-BSD1	Methoxychlor	0.91			N	
B171344-BSD1	B171344-BSD1	Methoxychlor	0.92			N	
B171344-BSD1	B171344-BSD1	P,P'-DDD	0.99			N	
B171344-BSD1	B171344-BSD1	P,P'-DDD	0.92			N	
B171344-BSD1	B171344-BSD1	P,P'-DDE	0.94			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171344-BSD1	B171344-BSD1	P,P'-DDE	0.89			N	
B171344-BSD1	B171344-BSD1	P,P'-DDT	0.99			N	
B171344-BSD1	B171344-BSD1	P,P'-DDT	0.92			N	
B171377-BLK1	B171377-BLK1	Mercury		U		N	
B171377-BS1	B171377-BS1	Mercury	9.96	D		N	
B171377-BSD1	B171377-BSD1	Mercury	7.38	D		N	
LW-03/MS/MSD-COMP-4	B171377-DUP1	Mercury	0.135			N	
LW-03/MS/MSD-COMP-4	B171377-MS1	Mercury	0.23			N	
LW-03/MS/MSD-COMP-4	B171377-MSD1	Mercury	0.244			N	
B171392-BLK1	B171392-BLK1	1,1,1,2-Tetrachloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1,1-Trichloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1,2,2-Tetrachloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1,2-Trichloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1-Dichloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,1-Dichloroethene		U		N	
B171392-BLK1	B171392-BLK1	1,1-Dichloropropene		U		N	
B171392-BLK1	B171392-BLK1	1,2,3-Trichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,2,3-Trichloropropane		U		N	
B171392-BLK1	B171392-BLK1	1,2,4-Trichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,2,4-Trimethylbenzene		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dibromo-3-Chloropropane		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dichloroethane		U		N	
B171392-BLK1	B171392-BLK1	1,2-Dichloroethane-D4	99.3			N	
B171392-BLK1	B171392-BLK1	1,2-Dichloropropane		U		N	
B171392-BLK1	B171392-BLK1	1,3,5-Trichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		N	
B171392-BLK1	B171392-BLK1	1,3-Dichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,3-Dichloropropane		U		N	
B171392-BLK1	B171392-BLK1	1,4-Dichlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	1,4-Dichlorobenzene-D4	30			N	
B171392-BLK1	B171392-BLK1	1,4-Difluorobenzene	30			N	
B171392-BLK1	B171392-BLK1	1,4-Dioxane (P-Dioxane)		U		N	
B171392-BLK1	B171392-BLK1	2,2-Dichloropropane		U		N	
B171392-BLK1	B171392-BLK1	2-Chlorotoluene		U		N	
B171392-BLK1	B171392-BLK1	2-Hexanone		U		N	
B171392-BLK1	B171392-BLK1	2-Methoxy-2-Methylbutane		U		N	
B171392-BLK1	B171392-BLK1	4-Chlorotoluene		U		N	
B171392-BLK1	B171392-BLK1	Acetone		U		N	
B171392-BLK1	B171392-BLK1	Acrylonitrile		U		N	
B171392-BLK1	B171392-BLK1	Benzene		U		N	
B171392-BLK1	B171392-BLK1	Bromobenzene		U		N	
B171392-BLK1	B171392-BLK1	Bromochloromethane		U		N	
B171392-BLK1	B171392-BLK1	Bromodichloromethane		U		N	
B171392-BLK1	B171392-BLK1	Bromoform		U		N	
B171392-BLK1	B171392-BLK1	Bromomethane		U		N	
B171392-BLK1	B171392-BLK1	Carbon Disulfide		U		N	
B171392-BLK1	B171392-BLK1	Carbon Tetrachloride		U		N	
B171392-BLK1	B171392-BLK1	Chlorobenzene		U		N	
B171392-BLK1	B171392-BLK1	Chlorobenzene-D5	30			N	
B171392-BLK1	B171392-BLK1	Chloroethane		U		N	
B171392-BLK1	B171392-BLK1	Chloroform		U		N	
B171392-BLK1	B171392-BLK1	Chloromethane		U		N	
B171392-BLK1	B171392-BLK1	Cis-1,2-Dichloroethylene		U		N	
B171392-BLK1	B171392-BLK1	Cis-1,3-Dichloropropene		U		N	
B171392-BLK1	B171392-BLK1	Cyclohexane		U		N	
B171392-BLK1	B171392-BLK1	Cymene		U		N	
B171392-BLK1	B171392-BLK1	Dibromochloromethane		U		N	
B171392-BLK1	B171392-BLK1	Dibromomethane		U		N	
B171392-BLK1	B171392-BLK1	Dichlorodifluoromethane		U		N	
B171392-BLK1	B171392-BLK1	Diethyl Ether (Ethyl Ether)		U		N	
B171392-BLK1	B171392-BLK1	Ethyl Tert-Butyl Ether		U		N	
B171392-BLK1	B171392-BLK1	Ethylbenzene		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171392-BLK1	B171392-BLK1	Hexachlorobutadiene		U		N	
B171392-BLK1	B171392-BLK1	Isopropyl Ether		U		N	
B171392-BLK1	B171392-BLK1	Isopropylbenzene (Cumene)		U		N	
B171392-BLK1	B171392-BLK1	m,p-Xylene		U		N	
B171392-BLK1	B171392-BLK1	Methyl Acetate		U		N	
B171392-BLK1	B171392-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		N	
B171392-BLK1	B171392-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		N	
B171392-BLK1	B171392-BLK1	Methylcyclohexane		U		N	
B171392-BLK1	B171392-BLK1	Methylene Chloride		U		N	
B171392-BLK1	B171392-BLK1	Naphthalene		U		N	
B171392-BLK1	B171392-BLK1	N-Butylbenzene		U		N	
B171392-BLK1	B171392-BLK1	N-Propylbenzene		U		N	
B171392-BLK1	B171392-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		N	
B171392-BLK1	B171392-BLK1	p-Bromofluorobenzene	94.6			N	
B171392-BLK1	B171392-BLK1	Pentafluorobenzene	30			N	
B171392-BLK1	B171392-BLK1	Sec-Butylbenzene		U		N	
B171392-BLK1	B171392-BLK1	Styrene		U		N	
B171392-BLK1	B171392-BLK1	T-Butylbenzene		U		N	
B171392-BLK1	B171392-BLK1	Tert-Butyl Alcohol		U		N	
B171392-BLK1	B171392-BLK1	Tert-Butyl Methyl Ether		U		N	
B171392-BLK1	B171392-BLK1	Tetrachloroethylene (PCE)		U		N	
B171392-BLK1	B171392-BLK1	Tetrahydrofuran		U		N	
B171392-BLK1	B171392-BLK1	Toluene		U		N	
B171392-BLK1	B171392-BLK1	Toluene-D8	100			N	
B171392-BLK1	B171392-BLK1	Trans-1,2-Dichloroethene		U		N	
B171392-BLK1	B171392-BLK1	Trans-1,3-Dichloropropene		U		N	
B171392-BLK1	B171392-BLK1	Trans-1,4-Dichloro-2-Butene		U		N	
B171392-BLK1	B171392-BLK1	Trichloroethylene (TCE)		U		N	
B171392-BLK1	B171392-BLK1	Trichlorofluoromethane		U		N	
B171392-BLK1	B171392-BLK1	Vinyl Chloride		U		N	
B171392-BS1	B171392-BS1	1,1,1,2-Tetrachloroethane	10.8			N	
B171392-BS1	B171392-BS1	1,1,1-Trichloroethane	10.1			N	
B171392-BS1	B171392-BS1	1,1,2,2-Tetrachloroethane	10.9			N	
B171392-BS1	B171392-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	13.3			N	
B171392-BS1	B171392-BS1	1,1,2-Trichloroethane	11.6			N	
B171392-BS1	B171392-BS1	1,1-Dichloroethane	10.4			N	
B171392-BS1	B171392-BS1	1,1-Dichloroethene	12.4			N	
B171392-BS1	B171392-BS1	1,1-Dichloropropene	10.3			N	
B171392-BS1	B171392-BS1	1,2,3-Trichlorobenzene	11.2			N	
B171392-BS1	B171392-BS1	1,2,3-Trichloropropane	10.4			N	
B171392-BS1	B171392-BS1	1,2,4-Trichlorobenzene	11.8			N	
B171392-BS1	B171392-BS1	1,2,4-Trimethylbenzene	10.8			N	
B171392-BS1	B171392-BS1	1,2-Dibromo-3-Chloropropane	9.08			N	
B171392-BS1	B171392-BS1	1,2-Dibromoethane (Ethylene Dibromide)	11			N	
B171392-BS1	B171392-BS1	1,2-Dichlorobenzene	11.2			N	
B171392-BS1	B171392-BS1	1,2-Dichloroethane	9.32			N	
B171392-BS1	B171392-BS1	1,2-Dichloroethane-D4	98.6			N	
B171392-BS1	B171392-BS1	1,2-Dichloropropane	9.28			N	
B171392-BS1	B171392-BS1	1,3,5-Trichlorobenzene	10.8			N	
B171392-BS1	B171392-BS1	1,3,5-Trimethylbenzene (Mesitylene)	10.4			N	
B171392-BS1	B171392-BS1	1,3-Dichlorobenzene	10.9			N	
B171392-BS1	B171392-BS1	1,3-Dichloropropane	10.4			N	
B171392-BS1	B171392-BS1	1,4-Dichlorobenzene	10.9			N	
B171392-BS1	B171392-BS1	1,4-Dichlorobenzene-D4	30			N	
B171392-BS1	B171392-BS1	1,4-Difluorobenzene	30			N	
B171392-BS1	B171392-BS1	1,4-Dioxane (P-Dioxane)	111			N	
B171392-BS1	B171392-BS1	2,2-Dichloropropane	9.91			N	
B171392-BS1	B171392-BS1	2-Chlorotoluene	9.4			N	
B171392-BS1	B171392-BS1	2-Hexanone	88.7			N	
B171392-BS1	B171392-BS1	2-Methoxy-2-Methylbutane	9.52			N	
B171392-BS1	B171392-BS1	4-Chlorotoluene	10.1			N	
B171392-BS1	B171392-BS1	Acetone	102			N	
B171392-BS1	B171392-BS1	Acrylonitrile	13.7			N	
B171392-BS1	B171392-BS1	Benzene	10.8			N	
B171392-BS1	B171392-BS1	Bromobenzene	10.2			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171392-BS1	B171392-BS1	Bromochloromethane	10.8			N	
B171392-BS1	B171392-BS1	Bromodichloromethane	10.7			N	
B171392-BS1	B171392-BS1	Bromoform	10.2			N	
B171392-BS1	B171392-BS1	Bromomethane	4.51			N	
B171392-BS1	B171392-BS1	Carbon Disulfide	14.2			N	
B171392-BS1	B171392-BS1	Carbon Tetrachloride	10.4			N	
B171392-BS1	B171392-BS1	Chlorobenzene	11			N	
B171392-BS1	B171392-BS1	Chlorobenzene-D5	30			N	
B171392-BS1	B171392-BS1	Chloroethane	10.2			N	
B171392-BS1	B171392-BS1	Chloroform	9.71			N	
B171392-BS1	B171392-BS1	Chloromethane	2.87			N	
B171392-BS1	B171392-BS1	Cis-1,2-Dichloroethylene	9.61			N	
B171392-BS1	B171392-BS1	Cis-1,3-Dichloropropene	9.77			N	
B171392-BS1	B171392-BS1	Cyclohexane	10.1			N	
B171392-BS1	B171392-BS1	Cymene	10.9			N	
B171392-BS1	B171392-BS1	Dibromochloromethane	11.5			N	
B171392-BS1	B171392-BS1	Dibromomethane	10.7			N	
B171392-BS1	B171392-BS1	Dichlorodifluoromethane	8.3			N	
B171392-BS1	B171392-BS1	Diethyl Ether (Ethyl Ether)	11.4			N	
B171392-BS1	B171392-BS1	Ethyl Tert-Butyl Ether	9.46			N	
B171392-BS1	B171392-BS1	Ethylbenzene	10.5			N	
B171392-BS1	B171392-BS1	Hexachlorobutadiene	11.2			N	
B171392-BS1	B171392-BS1	Isopropyl Ether	8.64			N	
B171392-BS1	B171392-BS1	Isopropylbenzene (Cumene)	10.9			N	
B171392-BS1	B171392-BS1	m,p-Xylene	20.2			N	
B171392-BS1	B171392-BS1	Methyl Acetate	10.1			N	
B171392-BS1	B171392-BS1	Methyl Ethyl Ketone (2-Butanone)	93.4			N	
B171392-BS1	B171392-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	86.2			N	
B171392-BS1	B171392-BS1	Methylcyclohexane	10.4			N	
B171392-BS1	B171392-BS1	Methylene Chloride	12.4			N	
B171392-BS1	B171392-BS1	Naphthalene	11.2			N	
B171392-BS1	B171392-BS1	N-Butylbenzene	11.6			N	
B171392-BS1	B171392-BS1	N-Propylbenzene	10.8			N	
B171392-BS1	B171392-BS1	O-Xylene (1,2-Dimethylbenzene)	10.2			N	
B171392-BS1	B171392-BS1	p-Bromofluorobenzene	95.4			N	
B171392-BS1	B171392-BS1	Pentafluorobenzene	30			N	
B171392-BS1	B171392-BS1	Sec-Butylbenzene	11			N	
B171392-BS1	B171392-BS1	Styrene	10.3			N	
B171392-BS1	B171392-BS1	T-Butylbenzene	10.5			N	
B171392-BS1	B171392-BS1	Tert-Butyl Alcohol	130			N	
B171392-BS1	B171392-BS1	Tert-Butyl Methyl Ether	10.1			N	
B171392-BS1	B171392-BS1	Tetrachloroethylene (PCE)	10.4			N	
B171392-BS1	B171392-BS1	Tetrahydrofuran		U		N	
B171392-BS1	B171392-BS1	Toluene	10.4			N	
B171392-BS1	B171392-BS1	Toluene-D8	99.2			N	
B171392-BS1	B171392-BS1	Trans-1,2-Dichloroethene	11.2			N	
B171392-BS1	B171392-BS1	Trans-1,3-Dichloropropene	11.5			N	
B171392-BS1	B171392-BS1	Trans-1,4-Dichloro-2-Butene	12.1			N	
B171392-BS1	B171392-BS1	Trichloroethylene (TCE)	10.6			N	
B171392-BS1	B171392-BS1	Trichlorofluoromethane	10.8			N	
B171392-BS1	B171392-BS1	Vinyl Chloride	7.46			N	
B171392-BSD1	B171392-BSD1	1,1,1,2-Tetrachloroethane	10.7			N	
B171392-BSD1	B171392-BSD1	1,1,1-Trichloroethane	10.2			N	
B171392-BSD1	B171392-BSD1	1,1,2,2-Tetrachloroethane	10.4			N	
B171392-BSD1	B171392-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	13.3			N	
B171392-BSD1	B171392-BSD1	1,1,2-Trichloroethane	11.4			N	
B171392-BSD1	B171392-BSD1	1,1-Dichloroethane	10.2			N	
B171392-BSD1	B171392-BSD1	1,1-Dichloroethene	12			N	
B171392-BSD1	B171392-BSD1	1,1-Dichloropropene	10			N	
B171392-BSD1	B171392-BSD1	1,2,3-Trichlorobenzene	10.2			N	
B171392-BSD1	B171392-BSD1	1,2,3-Trichloropropane	10.1			N	
B171392-BSD1	B171392-BSD1	1,2,4-Trichlorobenzene	10.9			N	
B171392-BSD1	B171392-BSD1	1,2,4-Trimethylbenzene	10.5			N	
B171392-BSD1	B171392-BSD1	1,2-Dibromo-3-Chloropropane	9.59			N	
B171392-BSD1	B171392-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	10.9			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171392-BSD1	B171392-BSD1	1,2-Dichlorobenzene	10.9			N	
B171392-BSD1	B171392-BSD1	1,2-Dichloroethane	9.21			N	
B171392-BSD1	B171392-BSD1	1,2-Dichloroethane-D4	100			N	
B171392-BSD1	B171392-BSD1	1,2-Dichloropropane	9.01			N	
B171392-BSD1	B171392-BSD1	1,3,5-Trichlorobenzene	10.7			N	
B171392-BSD1	B171392-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	10			N	
B171392-BSD1	B171392-BSD1	1,3-Dichlorobenzene	10.7			N	
B171392-BSD1	B171392-BSD1	1,3-Dichloropropane	10.1			N	
B171392-BSD1	B171392-BSD1	1,4-Dichlorobenzene	10.5			N	
B171392-BSD1	B171392-BSD1	1,4-Dichlorobenzene-D4	30			N	
B171392-BSD1	B171392-BSD1	1,4-Difluorobenzene	30			N	
B171392-BSD1	B171392-BSD1	1,4-Dioxane (P-Dioxane)	125			N	
B171392-BSD1	B171392-BSD1	2,2-Dichloropropane	9.68			N	
B171392-BSD1	B171392-BSD1	2-Chlorotoluene	9.13			N	
B171392-BSD1	B171392-BSD1	2-Hexanone	85.8			N	
B171392-BSD1	B171392-BSD1	2-Methoxy-2-Methylbutane	9.37			N	
B171392-BSD1	B171392-BSD1	4-Chlorotoluene	9.63			N	
B171392-BSD1	B171392-BSD1	Acetone	99.3			N	
B171392-BSD1	B171392-BSD1	Acrylonitrile	13.2			N	
B171392-BSD1	B171392-BSD1	Benzene	10.6			N	
B171392-BSD1	B171392-BSD1	Bromobenzene	9.81			N	
B171392-BSD1	B171392-BSD1	Bromochloromethane	10.8			N	
B171392-BSD1	B171392-BSD1	Bromodichloromethane	10.2			N	
B171392-BSD1	B171392-BSD1	Bromoform	10			N	
B171392-BSD1	B171392-BSD1	Bromomethane	5.33			N	
B171392-BSD1	B171392-BSD1	Carbon Disulfide	12.9			N	
B171392-BSD1	B171392-BSD1	Carbon Tetrachloride	10.3			N	
B171392-BSD1	B171392-BSD1	Chlorobenzene	10.7			N	
B171392-BSD1	B171392-BSD1	Chlorobenzene-D5	30			N	
B171392-BSD1	B171392-BSD1	Chloroethane	10			N	
B171392-BSD1	B171392-BSD1	Chloroform	9.59			N	
B171392-BSD1	B171392-BSD1	Chloromethane	3.14			N	
B171392-BSD1	B171392-BSD1	Cis-1,2-Dichloroethylene	9.38			N	
B171392-BSD1	B171392-BSD1	Cis-1,3-Dichloropropene	9.61			N	
B171392-BSD1	B171392-BSD1	Cyclohexane	9.98			N	
B171392-BSD1	B171392-BSD1	Cymene	10.7			N	
B171392-BSD1	B171392-BSD1	Dibromochloromethane	11.5			N	
B171392-BSD1	B171392-BSD1	Dibromomethane	10.9			N	
B171392-BSD1	B171392-BSD1	Dichlorodifluoromethane	8.32			N	
B171392-BSD1	B171392-BSD1	Diethyl Ether (Ethyl Ether)	11.1			N	
B171392-BSD1	B171392-BSD1	Ethyl Tert-Butyl Ether	9.32			N	
B171392-BSD1	B171392-BSD1	Ethylbenzene	10.1			N	
B171392-BSD1	B171392-BSD1	Hexachlorobutadiene	10.7			N	
B171392-BSD1	B171392-BSD1	Isopropyl Ether	8.3			N	
B171392-BSD1	B171392-BSD1	Isopropylbenzene (Cumene)	10.7			N	
B171392-BSD1	B171392-BSD1	m,p-Xylene	19.5			N	
B171392-BSD1	B171392-BSD1	Methyl Acetate	10.4			N	
B171392-BSD1	B171392-BSD1	Methyl Ethyl Ketone (2-Butanone)	90.8			N	
B171392-BSD1	B171392-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	84.4			N	
B171392-BSD1	B171392-BSD1	Methylcyclohexane	10			N	
B171392-BSD1	B171392-BSD1	Methylene Chloride	12.2			N	
B171392-BSD1	B171392-BSD1	Naphthalene	10.4			N	
B171392-BSD1	B171392-BSD1	N-Butylbenzene	11.1			N	
B171392-BSD1	B171392-BSD1	N-Propylbenzene	10.3			N	
B171392-BSD1	B171392-BSD1	O-Xylene (1,2-Dimethylbenzene)	10.2			N	
B171392-BSD1	B171392-BSD1	p-Bromofluorobenzene	95.4			N	
B171392-BSD1	B171392-BSD1	Pentafluorobenzene	30			N	
B171392-BSD1	B171392-BSD1	Sec-Butylbenzene	10.8			N	
B171392-BSD1	B171392-BSD1	Styrene	10			N	
B171392-BSD1	B171392-BSD1	T-Butylbenzene	10.3			N	
B171392-BSD1	B171392-BSD1	Tert-Butyl Alcohol	120			N	
B171392-BSD1	B171392-BSD1	Tert-Butyl Methyl Ether	9.86			N	
B171392-BSD1	B171392-BSD1	Tetrachloroethylene (PCE)	10.2			N	
B171392-BSD1	B171392-BSD1	Tetrahydrofuran		U		N	
B171392-BSD1	B171392-BSD1	Toluene	9.9			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171392-BSD1	B171392-BSD1	Toluene-D8	99.4			N	
B171392-BSD1	B171392-BSD1	Trans-1,2-Dichloroethene	11			N	
B171392-BSD1	B171392-BSD1	Trans-1,3-Dichloropropene	11.2			N	
B171392-BSD1	B171392-BSD1	Trans-1,4-Dichloro-2-Butene	12.1			N	
B171392-BSD1	B171392-BSD1	Trichloroethylene (TCE)	10.6			N	
B171392-BSD1	B171392-BSD1	Trichlorofluoromethane	10.7			N	
B171392-BSD1	B171392-BSD1	Vinyl Chloride	7.7			N	
B171459-BLK1	B171459-BLK1	Antimony		U		N	
B171459-BLK1	B171459-BLK1	Barium		U		N	
B171459-BLK1	B171459-BLK1	Chromium, Total		U		N	
B171459-BLK1	B171459-BLK1	Lead		U		N	
B171459-BLK1	B171459-BLK1	Sodium		U		N	
B171459-BLK1	B171459-BLK1	Zinc		U		N	
B171459-BS1	B171459-BS1	Antimony	150			N	
B171459-BS1	B171459-BS1	Barium	97.6			N	
B171459-BS1	B171459-BS1	Chromium, Total	63.9			N	
B171459-BS1	B171459-BS1	Lead	81.7			N	
B171459-BS1	B171459-BS1	Sodium	821			N	
B171459-BS1	B171459-BS1	Zinc	200			N	
B171459-BSD1	B171459-BSD1	Antimony	156			N	
B171459-BSD1	B171459-BSD1	Barium	98.7			N	
B171459-BSD1	B171459-BSD1	Chromium, Total	64.4			N	
B171459-BSD1	B171459-BSD1	Lead	82.2			N	
B171459-BSD1	B171459-BSD1	Sodium	838			N	
B171459-BSD1	B171459-BSD1	Zinc	202			N	
LW-03/MS/MSD-COMP-4	B171459-DUP1	Antimony	10.2			N	
LW-03/MS/MSD-COMP-4	B171459-DUP1	Chromium, Total	339			N	
LW-03/MS/MSD-COMP-4	B171459-DUP1	Sodium	172			N	
LW-03/MS/MSD-COMP-4	B171459-DUP1	Zinc	165			N	
LW-03/MS/MSD-COMP-4	B171459-MS1	Antimony	119			N	
LW-03/MS/MSD-COMP-4	B171459-MS1	Chromium, Total	236			N	
LW-03/MS/MSD-COMP-4	B171459-MS1	Sodium	298			N	
LW-03/MS/MSD-COMP-4	B171459-MS1	Zinc	255			N	
LW-03/MS/MSD-COMP-4	B171459-MSD1	Antimony	119			N	
LW-03/MS/MSD-COMP-4	B171459-MSD1	Chromium, Total	389			N	
LW-03/MS/MSD-COMP-4	B171459-MSD1	Sodium	351			N	
LW-03/MS/MSD-COMP-4	B171459-MSD1	Zinc	303			N	
B171477-BLK1	B171477-BLK1	Cyanide		U		N	
B171477-BS1	B171477-BS1	Cyanide	0.68			N	
B171477-BSD1	B171477-BSD1	Cyanide	0.67			N	
LRB-02-2-20-17DUP1	B171477-DUP1	Cyanide		U		N	
LRB-02-2-20-17MS1	B171477-MS1	Cyanide	0.36			N	
B171510-BLK1	B171510-BLK1	Cyanide		U		N	
B171510-BS1	B171510-BS1	Cyanide	56	D		N	
B171510-BSD1	B171510-BSD1	Cyanide	58	D		N	
LW-03/MS/MSD-COMP-4	B171510-MS1	Cyanide	22			N	
LW-03/MS/MSD-COMP-4	B171510-MSD1	Cyanide	22			N	
B171581-BLK1	B171581-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	89			N	
B171581-BLK1	B171581-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	83.6			N	
B171581-BLK1	B171581-BLK1	Alachlor		U		N	
B171581-BLK1	B171581-BLK1	Alachlor		U		N	
B171581-BLK1	B171581-BLK1	Aldrin		U		N	
B171581-BLK1	B171581-BLK1	Aldrin		U		N	
B171581-BLK1	B171581-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Alpha Endosulfan		U		N	
B171581-BLK1	B171581-BLK1	Alpha Endosulfan		U		N	
B171581-BLK1	B171581-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Beta Endosulfan		U		N	
B171581-BLK1	B171581-BLK1	Beta Endosulfan		U		N	
B171581-BLK1	B171581-BLK1	Chlordane		U		N	
B171581-BLK1	B171581-BLK1	Chlordane		U		N	
B171581-BLK1	B171581-BLK1	cis-Chlordane		U		N	
B171581-BLK1	B171581-BLK1	cis-Chlordane		U		N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171581-BLK1	B171581-BLK1	Decachlorobiphenyl (PCB 209)	77.6			N	
B171581-BLK1	B171581-BLK1	Decachlorobiphenyl (PCB 209)	82.6			N	
B171581-BLK1	B171581-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		N	
B171581-BLK1	B171581-BLK1	Dieldrin		U		N	
B171581-BLK1	B171581-BLK1	Dieldrin		U		N	
B171581-BLK1	B171581-BLK1	Endosulfan Sulfate		U		N	
B171581-BLK1	B171581-BLK1	Endosulfan Sulfate		U		N	
B171581-BLK1	B171581-BLK1	Endrin		U		N	
B171581-BLK1	B171581-BLK1	Endrin		U		N	
B171581-BLK1	B171581-BLK1	Endrin Aldehyde		U		N	
B171581-BLK1	B171581-BLK1	Endrin Aldehyde		U		N	
B171581-BLK1	B171581-BLK1	Endrin Ketone		U		N	
B171581-BLK1	B171581-BLK1	Endrin Ketone		U		N	
B171581-BLK1	B171581-BLK1	Gamma Bhc (Lindane)		U		N	
B171581-BLK1	B171581-BLK1	Gamma Bhc (Lindane)		U		N	
B171581-BLK1	B171581-BLK1	Heptachlor		U		N	
B171581-BLK1	B171581-BLK1	Heptachlor		U		N	
B171581-BLK1	B171581-BLK1	Heptachlor Epoxide		U		N	
B171581-BLK1	B171581-BLK1	Heptachlor Epoxide		U		N	
B171581-BLK1	B171581-BLK1	Hexachlorobenzene		U		N	
B171581-BLK1	B171581-BLK1	Hexachlorobenzene		U		N	
B171581-BLK1	B171581-BLK1	Methoxychlor		U		N	
B171581-BLK1	B171581-BLK1	Methoxychlor		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDD		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDD		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDE		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDE		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDT		U		N	
B171581-BLK1	B171581-BLK1	P,P'-DDT		U		N	
B171581-BLK1	B171581-BLK1	Toxaphene		U		N	
B171581-BLK1	B171581-BLK1	Toxaphene		U		N	
B171581-BLK1	B171581-BLK1	trans-Chlordane		U		N	
B171581-BLK1	B171581-BLK1	trans-Chlordane		U		N	
B171581-BS1	B171581-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	92.3			N	
B171581-BS1	B171581-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	84.7			N	
B171581-BS1	B171581-BS1	Alachlor	0.097			N	
B171581-BS1	B171581-BS1	Alachlor	0.096			N	
B171581-BS1	B171581-BS1	Aldrin	0.087			N	
B171581-BS1	B171581-BS1	Aldrin	0.085			N	
B171581-BS1	B171581-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.088			N	
B171581-BS1	B171581-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.083			N	
B171581-BS1	B171581-BS1	Alpha Endosulfan	0.087			N	
B171581-BS1	B171581-BS1	Alpha Endosulfan	0.087			N	
B171581-BS1	B171581-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.085			N	
B171581-BS1	B171581-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.081			N	
B171581-BS1	B171581-BS1	Beta Endosulfan	0.087			N	
B171581-BS1	B171581-BS1	Beta Endosulfan	0.087			N	
B171581-BS1	B171581-BS1	cis-Chlordane	0.087			N	
B171581-BS1	B171581-BS1	cis-Chlordane	0.088			N	
B171581-BS1	B171581-BS1	Decachlorobiphenyl (PCB 209)	82.6			N	
B171581-BS1	B171581-BS1	Decachlorobiphenyl (PCB 209)	85.9			N	
B171581-BS1	B171581-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.086			N	
B171581-BS1	B171581-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.08			N	
B171581-BS1	B171581-BS1	Dieldrin	0.084			N	
B171581-BS1	B171581-BS1	Dieldrin	0.082			N	
B171581-BS1	B171581-BS1	Endosulfan Sulfate	0.089			N	
B171581-BS1	B171581-BS1	Endosulfan Sulfate	0.086			N	
B171581-BS1	B171581-BS1	Endrin	0.095			N	
B171581-BS1	B171581-BS1	Endrin	0.095			N	
B171581-BS1	B171581-BS1	Endrin Ketone	0.091			N	
B171581-BS1	B171581-BS1	Endrin Ketone	0.088			N	
B171581-BS1	B171581-BS1	Gamma Bhc (Lindane)	0.09			N	
B171581-BS1	B171581-BS1	Gamma Bhc (Lindane)	0.085			N	
B171581-BS1	B171581-BS1	Heptachlor	0.083			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171581-BS1	B171581-BS1	Heptachlor	0.087			N	
B171581-BS1	B171581-BS1	Heptachlor Epoxide	0.087			N	
B171581-BS1	B171581-BS1	Heptachlor Epoxide	0.085			N	
B171581-BS1	B171581-BS1	Hexachlorobenzene	0.089			N	
B171581-BS1	B171581-BS1	Hexachlorobenzene	0.081			N	
B171581-BS1	B171581-BS1	Methoxychlor	0.092			N	
B171581-BS1	B171581-BS1	Methoxychlor	0.095			N	
B171581-BS1	B171581-BS1	P,P'-DDD	0.091			N	
B171581-BS1	B171581-BS1	P,P'-DDD	0.09			N	
B171581-BS1	B171581-BS1	P,P'-DDE	0.089			N	
B171581-BS1	B171581-BS1	P,P'-DDE	0.088			N	
B171581-BS1	B171581-BS1	P,P'-DDT	0.092			N	
B171581-BS1	B171581-BS1	P,P'-DDT	0.088			N	
B171581-BS1	B171581-BS1	trans-Chlordane	0.085			N	
B171581-BS1	B171581-BS1	trans-Chlordane	0.088			N	
B171581-BSD1	B171581-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	90.2			N	
B171581-BSD1	B171581-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	82.5			N	
B171581-BSD1	B171581-BSD1	Alachlor	0.094			N	
B171581-BSD1	B171581-BSD1	Alachlor	0.093			N	
B171581-BSD1	B171581-BSD1	Aldrin	0.087			N	
B171581-BSD1	B171581-BSD1	Aldrin	0.084			N	
B171581-BSD1	B171581-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.085			N	
B171581-BSD1	B171581-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.081			N	
B171581-BSD1	B171581-BSD1	Alpha Endosulfan	0.087			N	
B171581-BSD1	B171581-BSD1	Alpha Endosulfan	0.086			N	
B171581-BSD1	B171581-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.082			N	
B171581-BSD1	B171581-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.078			N	
B171581-BSD1	B171581-BSD1	Beta Endosulfan	0.086			N	
B171581-BSD1	B171581-BSD1	Beta Endosulfan	0.086			N	
B171581-BSD1	B171581-BSD1	cis-Chlordane	0.087			N	
B171581-BSD1	B171581-BSD1	cis-Chlordane	0.087			N	
B171581-BSD1	B171581-BSD1	Decachlorobiphenyl (PCB 209)	82.5			N	
B171581-BSD1	B171581-BSD1	Decachlorobiphenyl (PCB 209)	84.3			N	
B171581-BSD1	B171581-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.082			N	
B171581-BSD1	B171581-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.078			N	
B171581-BSD1	B171581-BSD1	Dieldrin	0.084			N	
B171581-BSD1	B171581-BSD1	Dieldrin	0.081			N	
B171581-BSD1	B171581-BSD1	Endosulfan Sulfate	0.086			N	
B171581-BSD1	B171581-BSD1	Endosulfan Sulfate	0.084			N	
B171581-BSD1	B171581-BSD1	Endrin	0.095			N	
B171581-BSD1	B171581-BSD1	Endrin	0.094			N	
B171581-BSD1	B171581-BSD1	Endrin Ketone	0.088			N	
B171581-BSD1	B171581-BSD1	Endrin Ketone	0.086			N	
B171581-BSD1	B171581-BSD1	Gamma Bhc (Lindane)	0.087			N	
B171581-BSD1	B171581-BSD1	Gamma Bhc (Lindane)	0.083			N	
B171581-BSD1	B171581-BSD1	Heptachlor	0.081			N	
B171581-BSD1	B171581-BSD1	Heptachlor	0.086			N	
B171581-BSD1	B171581-BSD1	Heptachlor Epoxide	0.087			N	
B171581-BSD1	B171581-BSD1	Heptachlor Epoxide	0.084			N	
B171581-BSD1	B171581-BSD1	Hexachlorobenzene	0.088			N	
B171581-BSD1	B171581-BSD1	Hexachlorobenzene	0.08			N	
B171581-BSD1	B171581-BSD1	Methoxychlor	0.092			N	
B171581-BSD1	B171581-BSD1	Methoxychlor	0.093			N	
B171581-BSD1	B171581-BSD1	P,P'-DDD	0.091			N	
B171581-BSD1	B171581-BSD1	P,P'-DDD	0.09			N	
B171581-BSD1	B171581-BSD1	P,P'-DDE	0.089			N	
B171581-BSD1	B171581-BSD1	P,P'-DDE	0.088			N	
B171581-BSD1	B171581-BSD1	P,P'-DDT	0.092			N	
B171581-BSD1	B171581-BSD1	P,P'-DDT	0.087			N	
B171581-BSD1	B171581-BSD1	trans-Chlordane	0.086			N	
B171581-BSD1	B171581-BSD1	trans-Chlordane	0.088			N	
LW-03/MS/MSD-COMP-4	B171581-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	73.6			N	
LW-03/MS/MSD-COMP-4	B171581-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	63.1			N	
LW-03/MS/MSD-COMP-4	B171581-MS1	Alachlor	0.1			N	
LW-03/MS/MSD-COMP-4	B171581-MS1	Alachlor	0.12			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4 B171581-MS1		Aldrin	0.082			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Aldrin	0.075			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Alpha Bhc (Alpha Hexachlorocyclohexane)	0.079			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Alpha Bhc (Alpha Hexachlorocyclohexane)	0.071			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Alpha Endosulfan	0.062			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Alpha Endosulfan	0.057			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Beta Bhc (Beta Hexachlorocyclohexane)	0.076			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Beta Bhc (Beta Hexachlorocyclohexane)	0.07			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Beta Endosulfan	0.063			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Beta Endosulfan	0.075			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Decachlorobiphenyl (PCB 209)	87			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Decachlorobiphenyl (PCB 209)	87.7			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Delta BHC (Delta Hexachlorocyclohexane)	0.071			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Delta BHC (Delta Hexachlorocyclohexane)	0.061			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Dieldrin	0.088			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Dieldrin	0.096			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endosulfan Sulfate	0.04			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endosulfan Sulfate	0.044			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endrin	0.096			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endrin	0.085			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endrin Ketone	0.067			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Endrin Ketone	0.062			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Gamma Bhc (Lindane)	0.077			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Gamma Bhc (Lindane)	0.071			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Heptachlor	0.082			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Heptachlor	0.08			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Heptachlor Epoxide	0.085			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Heptachlor Epoxide	0.089			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Hexachlorobenzene	0.082			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Hexachlorobenzene	0.073			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Methoxychlor	0.092			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		Methoxychlor	0.088			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDD	0.11			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDD	0.069			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDE	0.092			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDE	0.086			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDT	0.097			N	
LW-03/MS/MSD-COMP-4 B171581-MS1		P,P'-DDT	0.11			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		2,4,5,6-Tetrachloro-Meta-Xylene	79.5			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		2,4,5,6-Tetrachloro-Meta-Xylene	69.8			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alachlor	0.12			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alachlor	0.13			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Aldrin	0.095			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Aldrin	0.087			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alpha Bhc (Alpha Hexachlorocyclohexane)	0.093			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alpha Bhc (Alpha Hexachlorocyclohexane)	0.084			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alpha Endosulfan	0.072			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Alpha Endosulfan	0.067			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Beta Bhc (Beta Hexachlorocyclohexane)	0.089			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Beta Bhc (Beta Hexachlorocyclohexane)	0.082			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Beta Endosulfan	0.075			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Beta Endosulfan	0.085			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Decachlorobiphenyl (PCB 209)	88.9			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Decachlorobiphenyl (PCB 209)	88			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Delta BHC (Delta Hexachlorocyclohexane)	0.086			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Delta BHC (Delta Hexachlorocyclohexane)	0.076			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Dieldrin	0.1			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Dieldrin	0.11			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endosulfan Sulfate	0.044			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endosulfan Sulfate	0.05			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endrin	0.11			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endrin	0.1			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endrin Ketone	0.073			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Endrin Ketone	0.068			N	
LW-03/MS/MSD-COMP-4 B171581-MSD1		Gamma Bhc (Lindane)	0.091			N	

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-03/MS/MSD-COMP-4	B171581-MSD1	Gamma Bhc (Lindane)	0.085			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Heptachlor	0.097			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Heptachlor	0.094			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Heptachlor Epoxide	0.097			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Heptachlor Epoxide	0.11			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Hexachlorobenzene	0.094			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Hexachlorobenzene	0.084			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Methoxychlor	0.1			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	Methoxychlor	0.095			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDD	0.12			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDD	0.083			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDE	0.1			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDE	0.098			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDT	0.11			N	
LW-03/MS/MSD-COMP-4	B171581-MSD1	P,P'-DDT	0.12			N	
#sys_sample_code	lab_sample_id	chemical_name	result_valu	lab_qualific	validator_q	validated	validation_l
LW-01-COMP2-4-10.2'	17B0761-01	Arsenic		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Cadmium	1.4			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Chromium, Total	150			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Selenium	5.6	J	JH	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Silver		U	UJ	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Mercury	0.13			Y	
LW-01-COMP2-4-10.2'	17B0761-01	2,4,5,6-Tetrachloro-Meta-Xylene	80.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Decachlorobiphenyl (PCB 209)	69.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1016 (Aroclor 1016)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1221 (Aroclor 1221)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1232 (Aroclor 1232)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1242 (Aroclor 1242)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1248 (Aroclor 1248)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1254 (Aroclor 1254)	1.1	D	J	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1260 (Aroclor 1260)		U	UJ	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1262 (Aroclor 1262)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	PCB-1268 (Aroclor 1268)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,2,4-Trichlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,2-Dichlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,2-Diphenylhydrazine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,3-Dichlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,4-Dichlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1,4-Dichlorobenzene-D4	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	1-Methylnaphthalene	0.59			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4,5-Trichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4,6-Tribromophenol	41.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4,6-Trichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4-Dichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4-Dimethylphenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4-Dinitrophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,4-Dinitrotoluene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2,6-Dinitrotoluene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Chloronaphthalene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Chlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Fluorobiphenyl	95.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Fluorophenol	36.5			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Methylnaphthalene	0.59			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Methylphenol (O-Cresol)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Nitroaniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	2-Nitrophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	3- And 4- Methylphenol (Total)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	3,3'-Dichlorobenzidine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	3-Nitroaniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4,6-Dinitro-2-Methylphenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Bromophenyl Phenyl Ether		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Chloro-3-Methylphenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Chloroaniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Chlorophenyl Phenyl Ether		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'	17B0761-01	4-Nitroaniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	4-Nitrophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Acenaphthene	0.41			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Acenaphthene-D10	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Acenaphthylene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Acetophenone		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Aniline		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Anthracene	0.72			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzidine		U	UJ	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(A)Anthracene	1.7			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(A)Pyrene	1.6		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(B)Fluoranthene	1.7		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(G,H,I)Perylene	1.7		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzo(K)Fluoranthene	0.59		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzoic Acid		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Benzyl Butyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Carbazole		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Chrysene	2.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Chrysene-D12	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Dibenz(A,H)Anthracene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Dibenzofuran		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Diethyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Dimethyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Di-N-Butyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Di-N-Octylphthalate		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Fluoranthene	3.1			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Fluorene	0.53			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Hexachlorobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Hexachlorobutadiene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Hexachlorocyclopentadiene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Hexachloroethane		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Indeno(1,2,3-C,D)Pyrene	1.3		JL	Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Isophorone		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Naphthalene	0.52			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Naphthalene-D8	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Nitrobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Nitrobenzene-D5	39.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	N-Nitrosodimethylamine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	N-Nitrosodi-N-Propylamine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	N-Nitrosodiphenylamine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Pentachloronitrobenzene		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Pentachlorophenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Perylene-D12	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Phenanthrene	3.3			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Phenanthrene-D10	1.6			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Phenol		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Phenol-D6	37.9			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Pyrene	2.8			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Pyridine		U		Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Terphenyl-D14	124			Y	4
LW-01-COMP2-4-10.2'	17B0761-01	Solids, Percent	82.8			Y	4
LW-01-COMP2-4-10.2'	17B0761-01RE1	Barium	230			Y	4
LW-01-COMP2-4-10.2'	17B0761-01RE1	Lead	140			Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,1,2-Tetrachloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,1-Trichloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,2,2-Tetrachloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1,2-Trichloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1-Dichloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1-Dichloroethene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,1-Dichloropropene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-VOC2-6-8'	17B0761-02	1,2,3-Trichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2,3-Trichloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2,4-Trichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2,4-Trimethylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dichloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dichloroethane-D4	111			Y	4
LW-01-VOC2-6-8'	17B0761-02	1,2-Dichloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,3,5-Trichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,3-Dichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,3-Dichloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,4-Dichlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	1,4-Dichlorobenzene-D4	30			Y	4
LW-01-VOC2-6-8'	17B0761-02	1,4-Difluorobenzene	30			Y	4
LW-01-VOC2-6-8'	17B0761-02	1,4-Dioxane (P-Dioxane)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	2,2-Dichloropropane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	2-Chlorotoluene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	2-Hexanone		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	2-Methoxy-2-Methylbutane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	4-Chlorotoluene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Acetone		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Acrylonitrile		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Benzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromochloromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromodichloromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromoform		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Bromomethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Carbon Disulfide		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Carbon Tetrachloride		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Chlorobenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Chlorobenzene-D5	30			Y	4
LW-01-VOC2-6-8'	17B0761-02	Chloroethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Chloroform		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Chloromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Cis-1,2-Dichloroethylene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Cis-1,3-Dichloropropene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Cyclohexane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Cymene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Dibromochloromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Dibromomethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Dichlorodifluoromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Ethyl Tert-Butyl Ether		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Ethylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Hexachlorobutadiene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Isopropyl Ether		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Isopropylbenzene (Cumene)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	m,p-Xylene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methyl Acetate		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methylcyclohexane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Methylene Chloride		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Naphthalene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	N-Butylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	N-Propylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	p-Bromofluorobenzene	105			Y	4
LW-01-VOC2-6-8'	17B0761-02	Pentafluorobenzene	30			Y	4
LW-01-VOC2-6-8'	17B0761-02	Sec-Butylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Styrene		U		Y	4

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LW-01-VOC2-6-8'	17B0761-02	T-Butylbenzene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Tert-Butyl Alcohol		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Tert-Butyl Methyl Ether		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Tetrachloroethylene (PCE)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Tetrahydrofuran		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Toluene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Toluene-D8	105			Y	4
LW-01-VOC2-6-8'	17B0761-02	Trans-1,2-Dichloroethene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Trans-1,3-Dichloropropene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Trichloroethylene (TCE)		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Trichlorofluoromethane		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Vinyl Chloride		U		Y	4
LW-01-VOC2-6-8'	17B0761-02	Solids, Percent	84.7			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,1,2-Tetrachloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,1-Trichloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,2,2-Tetrachloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1,2-Trichloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1-Dichloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1-Dichloroethene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,1-Dichloropropene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2,3-Trichlorobenzene	0.0048			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2,3-Trichloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2,4-Trichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2,4-Trimethylbenzene	0.054			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dichloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dichloroethane-D4	103			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,2-Dichloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,3,5-Trichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,3,5-Trimethylbenzene (Mesitylene)	0.014			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,3-Dichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,3-Dichloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,4-Dichlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	1,4-Dichlorobenzene-D4	0.062			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,4-Difluorobenzene	0.062			Y	4
LW-01-VOC1-2-4'	17B0761-03	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LW-01-VOC1-2-4'	17B0761-03	2,2-Dichloropropane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	2-Chlorotoluene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	2-Hexanone		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	2-Methoxy-2-Methylbutane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	4-Chlorotoluene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Acetone		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Acrylonitrile		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Benzene	0.0037			Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromochloromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromodichloromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromoform		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Bromomethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Carbon Disulfide	0.018			Y	4
LW-01-VOC1-2-4'	17B0761-03	Carbon Tetrachloride		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Chlorobenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Chlorobenzene-D5	0.062			Y	4
LW-01-VOC1-2-4'	17B0761-03	Chloroethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Chloroform		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Chloromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Cis-1,2-Dichloroethylene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Cis-1,3-Dichloropropene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Cymene	0.0068			Y	4
LW-01-VOC1-2-4'	17B0761-03	Dibromochloromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Dibromomethane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-VOC1-2-4'	17B0761-03	Dichlorodifluoromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Ethyl Tert-Butyl Ether		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Ethylbenzene	0.051			Y	4
LW-01-VOC1-2-4'	17B0761-03	Hexachlorobutadiene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Isopropyl Ether		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Isopropylbenzene (Cumene)	0.005			Y	4
LW-01-VOC1-2-4'	17B0761-03	m,p-Xylene	0.11			Y	4
LW-01-VOC1-2-4'	17B0761-03	Methyl Acetate		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Methylene Chloride		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Naphthalene	0.014			Y	4
LW-01-VOC1-2-4'	17B0761-03	N-Butylbenzene	0.0069			Y	4
LW-01-VOC1-2-4'	17B0761-03	N-Propylbenzene	0.0056			Y	4
LW-01-VOC1-2-4'	17B0761-03	O-Xylene (1,2-Dimethylbenzene)	0.016			Y	4
LW-01-VOC1-2-4'	17B0761-03	p-Bromofluorobenzene	89.5			Y	4
LW-01-VOC1-2-4'	17B0761-03	Pentafluorobenzene	0.062			Y	4
LW-01-VOC1-2-4'	17B0761-03	Sec-Butylbenzene	0.01			Y	4
LW-01-VOC1-2-4'	17B0761-03	Styrene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	T-Butylbenzene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Tert-Butyl Alcohol		U	UJ	Y	4
LW-01-VOC1-2-4'	17B0761-03	Tert-Butyl Methyl Ether		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Tetrachloroethylene (PCE)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Tetrahydrofuran		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Toluene	0.028			Y	4
LW-01-VOC1-2-4'	17B0761-03	Toluene-D8	96.2			Y	4
LW-01-VOC1-2-4'	17B0761-03	Trans-1,2-Dichloroethene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Trans-1,3-Dichloropropene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Trichloroethylene (TCE)		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Trichlorofluoromethane		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Vinyl Chloride		U		Y	4
LW-01-VOC1-2-4'	17B0761-03	Solids, Percent	87.1			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	1,2-Dichloroethane-D4	114			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	1,4-Dichlorobenzene-D4	30			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	1,4-Difluorobenzene	30			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	Chlorobenzene-D5	30			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	Methylcyclohexane	0.76			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	p-Bromofluorobenzene	105			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	Pentafluorobenzene	30			Y	4
LW-01-VOC1-2-4'	17B0761-03RE1	Toluene-D8	105			Y	4
LW-01-COMP1-0-4'	17B0761-04	Arsenic	3.8			Y	4
LW-01-COMP1-0-4'	17B0761-04	Barium	74			Y	4
LW-01-COMP1-0-4'	17B0761-04	Cadmium	1.3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Chromium, Total	660			Y	4
LW-01-COMP1-0-4'	17B0761-04	Lead	72			Y	4
LW-01-COMP1-0-4'	17B0761-04	Selenium	7.7		JH	Y	4
LW-01-COMP1-0-4'	17B0761-04	Silver		U	UJ	Y	4
LW-01-COMP1-0-4'	17B0761-04	Mercury	0.029			Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Decachlorobiphenyl (PCB 209)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1016 (Aroclor 1016)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1221 (Aroclor 1221)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1232 (Aroclor 1232)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1242 (Aroclor 1242)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1248 (Aroclor 1248)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1254 (Aroclor 1254)	13	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1260 (Aroclor 1260)	2.8	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1262 (Aroclor 1262)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	PCB-1268 (Aroclor 1268)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,2,4-Trichlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,2-Dichlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,2-Diphenylhydrazine		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP1-0-4'	17B0761-04	1,3-Dichlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,4-Dichlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	1,4-Dichlorobenzene-D4	1.5			Y	4
LW-01-COMP1-0-4'	17B0761-04	1-Methylnaphthalene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4,5-Trichlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4,6-Tribromophenol	40.4			Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4,6-Trichlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4-Dichlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4-Dimethylphenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4-Dinitrophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,4-Dinitrotoluene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2,6-Dinitrotoluene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Chloronaphthalene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Chlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Fluorobiphenyl	69.2			Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Fluorophenol	59.2			Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Methylnaphthalene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Methylphenol (O-Cresol)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Nitroaniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	2-Nitrophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	3- And 4- Methylphenol (Total)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	3,3'-Dichlorobenzidine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	3-Nitroaniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4,6-Dinitro-2-Methylphenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Bromophenyl Phenyl Ether		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Chloro-3-Methylphenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Chloroaniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Chlorophenyl Phenyl Ether		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Nitroaniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	4-Nitrophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Acenaphthene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Acenaphthene-D10	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Acenaphthylene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Acetophenone		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Aniline		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Anthracene	0.54	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzidine		U	UJ	Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(A)Anthracene	1.6	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(A)Pyrene	1.4	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(B)Fluoranthene	2	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(G,H,I)Perylene	1.3	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzo(K)Fluoranthene	0.75	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzoic Acid		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Benzyl Butyl Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Carbazole	0.38	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Chrysene	1.9	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Chrysene-D12	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Dibenz(A,H)Anthracene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Dibenzofuran		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Diethyl Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Dimethyl Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Di-N-Butyl Phthalate		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Di-N-Octylphthalate	1.5	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Fluoranthene	5.4	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Fluorene	0.46	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Hexachlorobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Hexachlorobutadiene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Hexachlorocyclopentadiene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Hexachloroethane		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Indeno(1,2,3-C,D)Pyrene	1.4	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Isophorone		U		Y	4

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LW-01-COMP1-0-4'	17B0761-04	Naphthalene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Naphthalene-D8	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Nitrobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Nitrobenzene-D5	50.8			Y	4
LW-01-COMP1-0-4'	17B0761-04	N-Nitrosodimethylamine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	N-Nitrosodi-N-Propylamine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	N-Nitrosodiphenylamine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Pentachloronitrobenzene		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Pentachlorophenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Perylene-D12	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Phenanthrene	3.5	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Phenanthrene-D10	3			Y	4
LW-01-COMP1-0-4'	17B0761-04	Phenol		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Phenol-D6	68.2			Y	4
LW-01-COMP1-0-4'	17B0761-04	Pyrene	4.3	D		Y	4
LW-01-COMP1-0-4'	17B0761-04	Pyridine		U		Y	4
LW-01-COMP1-0-4'	17B0761-04	Terphenyl-D14	69.1			Y	4
LW-01-COMP1-0-4'	17B0761-04	Solids, Percent	89.2			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Arsenic	4			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Barium	190			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Cadmium	1.4			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Chromium, Total	140			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Lead	170			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Selenium	7.3		JH	Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Silver		U	UJ	Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Mercury	0.048			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4,5,6-Tetrachloro-Meta-Xylene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Decachlorobiphenyl (PCB 209)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1016 (Aroclor 1016)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1221 (Aroclor 1221)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1232 (Aroclor 1232)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1242 (Aroclor 1242)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1248 (Aroclor 1248)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1254 (Aroclor 1254)	7.7	D		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1260 (Aroclor 1260)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1262 (Aroclor 1262)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	PCB-1268 (Aroclor 1268)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,2,4-Trichlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,2-Dichlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,2-Diphenylhydrazine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,3-Dichlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,4-Dichlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1,4-Dichlorobenzene-D4	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	1-Methylnaphthalene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4,5-Trichlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4,6-Tribromophenol	61.1			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4,6-Trichlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4-Dichlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4-Dimethylphenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4-Dinitrophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,4-Dinitrotoluene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2,6-Dinitrotoluene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Chloronaphthalene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Chlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Fluorobiphenyl	75.1			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Fluorophenol	69.9			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Methylnaphthalene	0.26			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Methylphenol (O-Cresol)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Nitroaniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	2-Nitrophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	3- And 4- Methylphenol (Total)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	3,3'-Dichlorobenzidine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	3-Nitroaniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4,6-Dinitro-2-Methylphenol		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-02-COMP2-4-9.8'	17B0761-05	4-Bromophenyl Phenyl Ether		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Chloro-3-Methylphenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Chloroaniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Chlorophenyl Phenyl Ether		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Nitroaniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	4-Nitrophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Acenaphthene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Acenaphthene-D10	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Acenaphthylene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Acetophenone		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Aniline		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Anthracene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzidine		U	UJ	Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(A)Anthracene	0.36			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(A)Pyrene	0.31			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(B)Fluoranthene	0.43			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(G,H,I)Perylene	0.35			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzo(K)Fluoranthene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzoic Acid		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Benzyl Butyl Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Carbazole		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Chrysene	0.36			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Chrysene-D12	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Dibenz(A,H)Anthracene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Dibenzofuran		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Diethyl Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Dimethyl Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Di-N-Butyl Phthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Di-N-Octylphthalate		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Fluoranthene	0.97			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Fluorene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Hexachlorobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Hexachlorobutadiene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Hexachlorocyclopentadiene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Hexachloroethane		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Indeno(1,2,3-C,D)Pyrene	0.3			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Isophorone		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Naphthalene	0.33			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Naphthalene-D8	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Nitrobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Nitrobenzene-D5	45.1			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	N-Nitrosodimethylamine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	N-Nitrosodi-N-Propylamine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	N-Nitrosodiphenylamine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Pentachloronitrobenzene		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Pentachlorophenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Perylene-D12	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Phenanthrene	0.61			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Phenanthrene-D10	1.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Phenol		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Phenol-D6	70.7			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Pyrene	0.99			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Pyridine		U		Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Terphenyl-D14	75.6			Y	4
LW-02-COMP2-4-9.8'	17B0761-05	Solids, Percent	82.1			Y	4
LW-02-COMP1-0-4'	17B0761-06	Arsenic	4			Y	4
LW-02-COMP1-0-4'	17B0761-06	Barium	140			Y	4
LW-02-COMP1-0-4'	17B0761-06	Cadmium	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Chromium, Total	140			Y	4
LW-02-COMP1-0-4'	17B0761-06	Lead	130			Y	4
LW-02-COMP1-0-4'	17B0761-06	Selenium		U		Y	4

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LW-02-COMP1-0-4'	17B0761-06	Silver		U	UU	Y	4
LW-02-COMP1-0-4'	17B0761-06	Mercury	0.031			Y	
LW-02-COMP1-0-4'	17B0761-06	2,4,5,6-Tetrachloro-Meta-Xylene	97.9			Y	4
LW-02-COMP1-0-4'	17B0761-06	Decachlorobiphenyl (PCB 209)	94.8			Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1016 (Aroclor 1016)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1221 (Aroclor 1221)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1232 (Aroclor 1232)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1242 (Aroclor 1242)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1248 (Aroclor 1248)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1254 (Aroclor 1254)	4.4	D		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1260 (Aroclor 1260)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1262 (Aroclor 1262)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	PCB-1268 (Aroclor 1268)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,2,4-Trichlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,2-Dichlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,2-Diphenylhydrazine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,3-Dichlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,4-Dichlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	1,4-Dichlorobenzene-D4	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	1-Methylnaphthalene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4,5-Trichlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4,6-Tribromophenol	69.7			Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4,6-Trichlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4-Dichlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4-Dimethylphenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4-Dinitrophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,4-Dinitrotoluene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2,6-Dinitrotoluene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Chloronaphthalene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Chlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Fluorobiphenyl	90.2			Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Fluorophenol	77.2			Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Methylnaphthalene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Methylphenol (O-Cresol)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Nitroaniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	2-Nitrophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	3- And 4- Methylphenol (Total)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	3,3'-Dichlorobenzidine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	3-Nitroaniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4,6-Dinitro-2-Methylphenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Bromophenyl Phenyl Ether		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Chloro-3-Methylphenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Chloroaniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Chlorophenyl Phenyl Ether		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Nitroaniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	4-Nitrophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Acenaphthene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Acenaphthene-D10	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Acenaphthylene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Acetophenone		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Aniline		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Anthracene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzidine		U	UU	Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(A)Anthracene	0.61			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(A)Pyrene	0.81			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(B)Fluoranthene	1			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(G,H,I)Perylene	0.92			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzo(K)Fluoranthene	0.37			Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzoic Acid		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Benzyl Butyl Phthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Bis(2-Ethylhexyl) Phthalate	0.66			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-02-COMP1-0-4'	17B0761-06	Carbazole		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Chrysene	0.58			Y	4
LW-02-COMP1-0-4'	17B0761-06	Chrysene-D12	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Dibenz(A,H)Anthracene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Dibenzofuran		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Diethyl Phthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Dimethyl Phthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Di-N-Butyl Phthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Di-N-Octylphthalate		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Fluoranthene	1.1			Y	4
LW-02-COMP1-0-4'	17B0761-06	Fluorene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Hexachlorobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Hexachlorobutadiene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Hexachlorocyclopentadiene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Hexachloroethane		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Indeno(1,2,3-C,D)Pyrene	0.89			Y	4
LW-02-COMP1-0-4'	17B0761-06	Isophorone		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Naphthalene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Naphthalene-D8	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Nitrobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Nitrobenzene-D5	67.1			Y	4
LW-02-COMP1-0-4'	17B0761-06	N-Nitrosodimethylamine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	N-Nitrosodi-N-Propylamine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	N-Nitrosodiphenylamine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Pentachloronitrobenzene		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Pentachlorophenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Perylene-D12	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Phenanthrene	0.61			Y	4
LW-02-COMP1-0-4'	17B0761-06	Phenanthrene-D10	1.5			Y	4
LW-02-COMP1-0-4'	17B0761-06	Phenol		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Phenol-D6	75.7			Y	4
LW-02-COMP1-0-4'	17B0761-06	Pyrene	1.7			Y	4
LW-02-COMP1-0-4'	17B0761-06	Pyridine		U		Y	4
LW-02-COMP1-0-4'	17B0761-06	Terphenyl-D14	83.3			Y	4
LW-02-COMP1-0-4'	17B0761-06	Solids, Percent	91.4			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,1,2-Tetrachloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,1-Trichloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,2,2-Tetrachloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1,2-Trichloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1-Dichloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1-Dichloroethene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,1-Dichloropropene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2,3-Trichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2,3-Trichloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2,4-Trichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2,4-Trimethylbenzene	0.035			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dichloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dichloroethane-D4	98			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,2-Dichloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,3,5-Trichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,3,5-Trimethylbenzene (Mesitylene)	0.011			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,3-Dichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,3-Dichloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,4-Dichlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	1,4-Dichlorobenzene-D4	0.057			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,4-Difluorobenzene	0.057			Y	4
LW-02-VOC1-0-2'	17B0761-07	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LW-02-VOC1-0-2'	17B0761-07	2,2-Dichloropropane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	2-Chlorotoluene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	2-Hexanone		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	2-Methoxy-2-Methylbutane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-02-VOC1-0-2'	17B0761-07	4-Chlorotoluene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Acetone		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Acrylonitrile		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Benzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromochloromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromodichloromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromoform		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Bromomethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Carbon Disulfide		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Carbon Tetrachloride		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Chlorobenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Chlorobenzene-D5	0.057			Y	4
LW-02-VOC1-0-2'	17B0761-07	Chloroethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Chloroform		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Chloromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Cis-1,2-Dichloroethylene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Cis-1,3-Dichloropropene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Cymene	0.0024			Y	4
LW-02-VOC1-0-2'	17B0761-07	Dibromochloromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Dibromomethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Dichlorodifluoromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Ethyl Tert-Butyl Ether		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Ethylbenzene	0.014			Y	4
LW-02-VOC1-0-2'	17B0761-07	Hexachlorobutadiene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Isopropyl Ether		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Isopropylbenzene (Cumene)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	m,p-Xylene	0.033			Y	4
LW-02-VOC1-0-2'	17B0761-07	Methyl Acetate		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Methylcyclohexane	0.0035			Y	4
LW-02-VOC1-0-2'	17B0761-07	Methylene Chloride		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Naphthalene	0.0069			Y	4
LW-02-VOC1-0-2'	17B0761-07	N-Butylbenzene	0.0024			Y	4
LW-02-VOC1-0-2'	17B0761-07	N-Propylbenzene	0.0022			Y	4
LW-02-VOC1-0-2'	17B0761-07	O-Xylene (1,2-Dimethylbenzene)	0.004			Y	4
LW-02-VOC1-0-2'	17B0761-07	p-Bromofluorobenzene	88.3			Y	4
LW-02-VOC1-0-2'	17B0761-07	Pentafluorobenzene	0.057			Y	4
LW-02-VOC1-0-2'	17B0761-07	Sec-Butylbenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Styrene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	T-Butylbenzene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Tert-Butyl Alcohol		U	UJ	Y	4
LW-02-VOC1-0-2'	17B0761-07	Tert-Butyl Methyl Ether		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Tetrachloroethylene (PCE)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Tetrahydrofuran		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Toluene	0.011			Y	4
LW-02-VOC1-0-2'	17B0761-07	Toluene-D8	97.6			Y	4
LW-02-VOC1-0-2'	17B0761-07	Trans-1,2-Dichloroethene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Trans-1,3-Dichloropropene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Trichloroethylene (TCE)		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Trichlorofluoromethane		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Vinyl Chloride		U		Y	4
LW-02-VOC1-0-2'	17B0761-07	Solids, Percent	91.2			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,1,2-Tetrachloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,1-Trichloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,2,2-Tetrachloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1,2-Trichloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1-Dichloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1-Dichloroethene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,1-Dichloropropene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2,3-Trichlorobenzene		U		Y	4

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LW-02-VOC2-8-9.8'	17B0761-08	1,2,3-Trichloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2,4-Trichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2,4-Trimethylbenzene	0.011			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dichloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dichloroethane-D4	102			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,2-Dichloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,3,5-Trichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,3,5-Trimethylbenzene (Mesitylene)	0.0027			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,3-Dichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,3-Dichloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,4-Dichlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,4-Dichlorobenzene-D4	0.063			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,4-Difluorobenzene	0.063			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LW-02-VOC2-8-9.8'	17B0761-08	2,2-Dichloropropane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	2-Chlorotoluene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	2-Hexanone		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	2-Methoxy-2-Methylbutane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	4-Chlorotoluene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Acetone		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Acrylonitrile		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Benzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromochloromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromodichloromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromoform		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Bromomethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Carbon Disulfide		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Carbon Tetrachloride		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chlorobenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chlorobenzene-D5	0.063			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chloroethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chloroform		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Chloromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Cis-1,2-Dichloroethylene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Cis-1,3-Dichloropropene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Cymene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Dibromochloromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Dibromomethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Dichlorodifluoromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Ethyl Tert-Butyl Ether		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Ethylbenzene	0.0078			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Hexachlorobutadiene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Isopropyl Ether		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Isopropylbenzene (Cumene)	0.0037			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	m,p-Xylene	0.075			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methyl Acetate		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methylcyclohexane	0.0027			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Methylene Chloride		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Naphthalene	0.0067			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	N-Butylbenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	N-Propylbenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	O-Xylene (1,2-Dimethylbenzene)	0.0032			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	p-Bromofluorobenzene	89.4			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Pentafluorobenzene	0.063			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Sec-Butylbenzene	0.0035			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Styrene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	T-Butylbenzene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Tert-Butyl Alcohol		U	UJ	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-02-VOC2-8-9.8'	17B0761-08	Tert-Butyl Methyl Ether		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Tetrachloroethylene (PCE)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Tetrahydrofuran		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Toluene	0.0064			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Toluene-D8	97.6			Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trans-1,2-Dichloroethene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trans-1,3-Dichloropropene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trichloroethylene (TCE)		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Trichlorofluoromethane		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Vinyl Chloride		U		Y	4
LW-02-VOC2-8-9.8'	17B0761-08	Solids, Percent	83.8			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Aluminum	12000		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Antimony		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Arsenic	9.4			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Barium	100			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Beryllium	0.87		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cadmium	0.86		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Calcium	26000			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chromium, Total	18			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cobalt	9.5		J	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Copper	14			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Iron	21000			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Lead	30		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Magnesium	6700		JH	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Manganese	1500			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Nickel	15			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Potassium	980			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Selenium		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Silver		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Sodium	140			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Thallium		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Vanadium	26		J	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Zinc	61			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Mercury	0.059			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,5,6-Tetrachloro-Meta-Xylene	83.5			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Alachlor		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Aldrin		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Alpha Endosulfan		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Beta Endosulfan		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chlordane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Decachlorobiphenyl (PCB 209)	80.5			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dieldrin		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Endosulfan Sulfate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Endrin		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Endrin Aldehyde		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Endrin Ketone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Gamma Bhc (Lindane)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Heptachlor		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Heptachlor Epoxide		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methoxychlor		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	P,P'-DDD		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	P,P'-DDE		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	P,P'-DDT		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Toxaphene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,5,6-Tetrachloro-Meta-Xylene	92.4			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Decachlorobiphenyl (PCB 209)	84.4			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1016 (Aroclor 1016)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1221 (Aroclor 1221)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1232 (Aroclor 1232)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1242 (Aroclor 1242)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1248 (Aroclor 1248)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1254 (Aroclor 1254)	0.038			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1260 (Aroclor 1260)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1262 (Aroclor 1262)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	PCB-1268 (Aroclor 1268)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,1,2-Tetrachloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,1-Trichloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,2,2-Tetrachloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1,2-Trichloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1-Dichloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1-Dichloroethene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,1-Dichloropropene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,3-Trichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,3-Trichloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,4-Trichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,4-Trimethylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dibromo-3-Chloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichloroethane-D4	101			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3,5-Trichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3-Dichloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dichlorobenzene-D4	0.07			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Difluorobenzene	0.07			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,2-Dichloropropane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Chlorotoluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Hexanone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Methoxy-2-Methylbutane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Chlorotoluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acetone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acrylonitrile		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromochloromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromodichloromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromoform		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bromomethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Carbon Disulfide		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Carbon Tetrachloride		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chlorobenzene-D5	0.07			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chloroform		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chloromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cis-1,2-Dichloroethylene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cis-1,3-Dichloropropene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cymene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dibromochloromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dibromomethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dichlorodifluoromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Diethyl Ether (Ethyl Ether)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Ethyl Tert-Butyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Ethylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorobutadiene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Isopropyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Isopropylbenzene (Cumene)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	m,p-Xylene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methyl Acetate		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-25-COMP1-0-2.4'	17B0761-09	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methylcyclohexane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Methylene Chloride	0.051			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Naphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Butylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Propylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	p-Bromofluorobenzene	94.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pentafluorobenzene	0.07			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Sec-Butylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Styrene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	T-Butylbenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Tert-Butyl Alcohol		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Tert-Butyl Methyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Tetrachloroethylene (PCE)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Tetrahydrofuran		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Toluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Toluene-D8	98.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trans-1,2-Dichloroethene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trans-1,3-Dichloropropene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trans-1,4-Dichloro-2-Butene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trichloroethylene (TCE)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Trichlorofluoromethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Vinyl Chloride		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,4,5-Tetrachlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2,4-Trichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,2-Diphenylhydrazine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,3-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dichlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1,4-Dichlorobenzene-D4	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	1-Methylnaphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,5-Trichlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,6-Tribromophenol	31.9			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4,6-Trichlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4-Dichlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4-Dimethylphenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4-Dinitrophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,4-Dinitrotoluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2,6-Dinitrotoluene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Chloronaphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Chlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Fluorobiphenyl	49.4			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Fluorophenol	52.1			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Methylnaphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Methylphenol (O-Cresol)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Nitroaniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	2-Nitrophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	3- And 4- Methylphenol (Total)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	3,3'-Dichlorobenzidine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	3-Nitroaniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4,6-Dinitro-2-Methylphenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Bromophenyl Phenyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Chloro-3-Methylphenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Chloroaniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Chlorophenyl Phenyl Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Nitroaniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	4-Nitrophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acenaphthene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acenaphthene-D10	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acenaphthylene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Acetophenone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Aniline		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Anthracene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-25-COMP1-0-2.4'	17B0761-09	Benzidine		U	UJ	Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(A)Anthracene	0.24			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(A)Pyrene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(B)Fluoranthene	0.33			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(G,H,I)Perylene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzo(K)Fluoranthene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzoic Acid		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Benzyl Butyl Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bis(2-Chloroethoxy) Methane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bis(2-Chloroisopropyl) Ether		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Carbazole		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chrysene	0.28			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Chrysene-D12	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dibenz(A,H)Anthracene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dibenzofuran		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Diethyl Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Dimethyl Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Di-N-Butyl Phthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Di-N-Octylphthalate		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Fluoranthene	0.64			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Fluorene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorobutadiene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachlorocyclopentadiene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Hexachloroethane		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Indeno(1,2,3-C,D)Pyrene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Isophorone		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Naphthalene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Naphthalene-D8	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Nitrobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Nitrobenzene-D5	48			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Nitrosodimethylamine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Nitrosodi-N-Propylamine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	N-Nitrosodiphenylamine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pentachloronitrobenzene		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pentachlorophenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Perylene-D12	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Phenanthrene	0.69			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Phenanthrene-D10	1.6			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Phenol		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Phenol-D6	54.2			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pyrene	0.57			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Pyridine		U		Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Terphenyl-D14	57.2			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Solids, Percent	81.8			Y	4
LB-25-COMP1-0-2.4'	17B0761-09	Cyanide	3.2			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Aluminum	5000		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Antimony		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Arsenic	4.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Barium	190			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Beryllium	0.62		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cadmium	0.72		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Calcium	130000			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chromium, Total	20			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cobalt	3.4		J	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Copper	19			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Iron	11000			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Lead	80		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Magnesium	10000		JH	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Manganese	380			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Nickel	13			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Potassium	830			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Selenium	10		JH	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-04-COMP1-0-4.10'	17B0761-10	Silver		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Sodium	170			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Thallium		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Vanadium	13		J	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Zinc	120			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Mercury	0.03			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,5,6-Tetrachloro-Meta-Xylene	82.6			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Alachlor		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Aldrin		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Alpha Endosulfan		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Beta Endosulfan		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chlordane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Decachlorobiphenyl (PCB 209)	75.8			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dieldrin		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Endosulfan Sulfate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Endrin		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Endrin Aldehyde		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Endrin Ketone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Gamma Bhc (Lindane)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Heptachlor		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Heptachlor Epoxide		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methoxychlor		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	P,P'-DDD		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	P,P'-DDE		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	P,P'-DDT		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Toxaphene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,5,6-Tetrachloro-Meta-Xylene	85.7			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Decachlorobiphenyl (PCB 209)	77.9			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1016 (Aroclor 1016)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1221 (Aroclor 1221)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1232 (Aroclor 1232)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1242 (Aroclor 1242)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1248 (Aroclor 1248)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1254 (Aroclor 1254)	0.051			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1260 (Aroclor 1260)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1262 (Aroclor 1262)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	PCB-1268 (Aroclor 1268)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,1,2-Tetrachloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,1-Trichloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,2,2-Tetrachloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1,2-Trichloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1-Dichloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1-Dichloroethene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,1-Dichloropropene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,3-Trichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,3-Trichloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,4-Trichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,4-Trimethylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dibromo-3-Chloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichloroethane-D4	104			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,3,5-Trichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,3-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,3-Dichloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dichlorobenzene-D4	0.058			Y	4

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LW-04-COMP1-0-4.10'	17B0761-10	1,4-Difluorobenzene	0.058			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,2-Dichloropropane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Chlorotoluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Hexanone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Methoxy-2-Methylbutane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Chlorotoluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acetone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acrylonitrile		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromochloromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromodichloromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromoform		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bromomethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Carbon Disulfide		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Carbon Tetrachloride		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chlorobenzene-D5	0.058			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chloroform		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chloromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cis-1,2-Dichloroethylene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cis-1,3-Dichloropropene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cymene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dibromochloromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dibromomethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dichlorodifluoromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Diethyl Ether (Ethyl Ether)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Ethyl Tert-Butyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Ethylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorobutadiene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Isopropyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Isopropylbenzene (Cumene)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	m,p-Xylene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methyl Acetate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methylcyclohexane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Methylene Chloride	0.042			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Naphthalene	0.0081			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Butylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Propylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	p-Bromofluorobenzene	94.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Pentafluorobenzene	0.058			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Sec-Butylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Styrene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	T-Butylbenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Tert-Butyl Alcohol		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Tert-Butyl Methyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Tetrachloroethylene (PCE)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Tetrahydrofuran		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Toluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Toluene-D8	96.4			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trans-1,2-Dichloroethene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trans-1,3-Dichloropropene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trans-1,4-Dichloro-2-Butene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trichloroethylene (TCE)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Trichlorofluoromethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Vinyl Chloride		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,4,5-Tetrachlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2,4-Trichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,2-Diphenylhydrazine		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-04-COMP1-0-4.10'	17B0761-10	1,3-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dichlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1,4-Dichlorobenzene-D4	1.5			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	1-Methylnaphthalene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,5-Trichlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,6-Tribromophenol	31.8			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4,6-Trichlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4-Dichlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4-Dimethylphenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4-Dinitrophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,4-Dinitrotoluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2,6-Dinitrotoluene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Chloronaphthalene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Chlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Fluorobiphenyl	57			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Fluorophenol	50.6			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Methylnaphthalene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Methylphenol (O-Cresol)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Nitroaniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	2-Nitrophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	3- And 4- Methylphenol (Total)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	3,3'-Dichlorobenzidine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	3-Nitroaniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4,6-Dinitro-2-Methylphenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Bromophenyl Phenyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Chloro-3-Methylphenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Chloroaniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Chlorophenyl Phenyl Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Nitroaniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	4-Nitrophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acenaphthene	4.1	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acenaphthene-D10	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acenaphthylene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Acetophenone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Aniline		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Anthracene	4.8	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzidine		U	UJ	Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(A)Anthracene	13	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(A)Pyrene	12	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(B)Fluoranthene	17	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(G,H,I)Perylene	8	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzo(K)Fluoranthene	6.4	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzoic Acid		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Benzyl Butyl Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bis(2-Chloroethoxy) Methane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bis(2-Chloroisopropyl) Ether		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Carbazole	5.6	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chrysene	15	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Chrysene-D12	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dibenz(A,H)Anthracene	1.8	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dibenzofuran	3.1	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Diethyl Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Dimethyl Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Di-N-Butyl Phthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Di-N-Octylphthalate		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Fluorene	4.8	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorobutadiene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachlorocyclopentadiene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Hexachloroethane		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Indeno(1,2,3-C,D)Pyrene	8.4	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Isophorone		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Naphthalene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-04-COMP1-0-4.10'	17B0761-10	Naphthalene-D8	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Nitrobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Nitrobenzene-D5	53.7			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Nitrosodimethylamine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Nitrosodi-N-Propylamine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	N-Nitrosodiphenylamine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Pentachloronitrobenzene		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Pentachlorophenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Perylene-D12	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Phenanthrene-D10	7.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Phenol		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Phenol-D6	53.8			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Pyridine		U		Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Terphenyl-D14	60.5			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Solids, Percent	91.3			Y	4
LW-04-COMP1-0-4.10'	17B0761-10	Cyanide	1.6			Y	4
LW-04-COMP1-0-4.10'	17B0761-10RE1	Fluoranthene	46	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10RE1	Phenanthrene	45	D		Y	4
LW-04-COMP1-0-4.10'	17B0761-10RE1	Pyrene	36	D		Y	4
LRB-01-2-16-17	17B0761-12	Aluminum		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Antimony		U		Y	4
LRB-01-2-16-17	17B0761-12	Arsenic		U		Y	4
LRB-01-2-16-17	17B0761-12	Barium		U		Y	4
LRB-01-2-16-17	17B0761-12	Beryllium		U		Y	4
LRB-01-2-16-17	17B0761-12	Cadmium		U		Y	4
LRB-01-2-16-17	17B0761-12	Calcium		U		Y	4
LRB-01-2-16-17	17B0761-12	Chromium, Total		U		Y	4
LRB-01-2-16-17	17B0761-12	Cobalt		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Copper		U		Y	4
LRB-01-2-16-17	17B0761-12	Iron		U		Y	4
LRB-01-2-16-17	17B0761-12	Lead		U		Y	4
LRB-01-2-16-17	17B0761-12	Magnesium		U		Y	4
LRB-01-2-16-17	17B0761-12	Manganese		U		Y	4
LRB-01-2-16-17	17B0761-12	Nickel		U		Y	4
LRB-01-2-16-17	17B0761-12	Potassium		U		Y	4
LRB-01-2-16-17	17B0761-12	Selenium		U		Y	4
LRB-01-2-16-17	17B0761-12	Silver		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Sodium		U		Y	4
LRB-01-2-16-17	17B0761-12	Thallium		U		Y	4
LRB-01-2-16-17	17B0761-12	Vanadium		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Zinc		U		Y	4
LRB-01-2-16-17	17B0761-12	Mercury	0.00013		JH	Y	4
LRB-01-2-16-17	17B0761-12	2,4,5,6-Tetrachloro-Meta-Xylene	85.4			Y	4
LRB-01-2-16-17	17B0761-12	Alachlor		U		Y	4
LRB-01-2-16-17	17B0761-12	Aldrin		U		Y	4
LRB-01-2-16-17	17B0761-12	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LRB-01-2-16-17	17B0761-12	Alpha Endosulfan		U		Y	4
LRB-01-2-16-17	17B0761-12	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LRB-01-2-16-17	17B0761-12	Beta Endosulfan		U		Y	4
LRB-01-2-16-17	17B0761-12	Chlordane		U		Y	4
LRB-01-2-16-17	17B0761-12	Decachlorobiphenyl (PCB 209)	42.2			Y	4
LRB-01-2-16-17	17B0761-12	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LRB-01-2-16-17	17B0761-12	Dieldrin		U		Y	4
LRB-01-2-16-17	17B0761-12	Endosulfan Sulfate		U		Y	4
LRB-01-2-16-17	17B0761-12	Endrin		U		Y	4
LRB-01-2-16-17	17B0761-12	Endrin Aldehyde		U		Y	4
LRB-01-2-16-17	17B0761-12	Endrin Ketone		U		Y	4
LRB-01-2-16-17	17B0761-12	Gamma Bhc (Lindane)		U		Y	4
LRB-01-2-16-17	17B0761-12	Heptachlor		U		Y	4
LRB-01-2-16-17	17B0761-12	Heptachlor Epoxide		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Methoxychlor		U		Y	4
LRB-01-2-16-17	17B0761-12	P,P'-DDD		U		Y	4
LRB-01-2-16-17	17B0761-12	P,P'-DDE		U		Y	4
LRB-01-2-16-17	17B0761-12	P,P'-DDT		U		Y	4

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LRB-01-2-16-17	17B0761-12	Toxaphene		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4,5,6-Tetrachloro-Meta-Xylene	96.7			Y	4
LRB-01-2-16-17	17B0761-12	Decachlorobiphenyl (PCB 209)	54.7			Y	4
LRB-01-2-16-17	17B0761-12	PCB-1016 (Aroclor 1016)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1221 (Aroclor 1221)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1232 (Aroclor 1232)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1242 (Aroclor 1242)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1248 (Aroclor 1248)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1254 (Aroclor 1254)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1260 (Aroclor 1260)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1262 (Aroclor 1262)		U		Y	4
LRB-01-2-16-17	17B0761-12	PCB-1268 (Aroclor 1268)		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,1,2-Tetrachloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,1-Trichloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,2,2-Tetrachloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1,2-Trichloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1-Dichloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1-Dichloroethene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,1-Dichloropropene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,3-Trichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,3-Trichloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,4-Trichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,4-Trimethylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dibromo-3-Chloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichloroethane-D4	115			Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3,5-Trichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3-Dichloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dichlorobenzene-D4	30			Y	4
LRB-01-2-16-17	17B0761-12	1,4-Difluorobenzene	30			Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dioxane (P-Dioxane)		U		Y	4
LRB-01-2-16-17	17B0761-12	2,2-Dichloropropane		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Chlorotoluene		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Hexanone		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Methoxy-2-Methylbutane		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Chlorotoluene		U		Y	4
LRB-01-2-16-17	17B0761-12	Acetone		U		Y	4
LRB-01-2-16-17	17B0761-12	Acrylonitrile		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromochloromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromodichloromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromoform		U		Y	4
LRB-01-2-16-17	17B0761-12	Bromomethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Carbon Disulfide		U		Y	4
LRB-01-2-16-17	17B0761-12	Carbon Tetrachloride		U		Y	4
LRB-01-2-16-17	17B0761-12	Chlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Chlorobenzene-D5	30			Y	4
LRB-01-2-16-17	17B0761-12	Chloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Chloroform		U		Y	4
LRB-01-2-16-17	17B0761-12	Chloromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Cis-1,2-Dichloroethylene		U		Y	4
LRB-01-2-16-17	17B0761-12	Cis-1,3-Dichloropropene		U		Y	4
LRB-01-2-16-17	17B0761-12	Cyclohexane		U		Y	4
LRB-01-2-16-17	17B0761-12	Cymene		U		Y	4
LRB-01-2-16-17	17B0761-12	Dibromochloromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Dibromomethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Dichlorodifluoromethane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-01-2-16-17	17B0761-12	Diethyl Ether (Ethyl Ether)		U		Y	4
LRB-01-2-16-17	17B0761-12	Ethyl Tert-Butyl Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	Ethylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorobutadiene		U		Y	4
LRB-01-2-16-17	17B0761-12	Isopropyl Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	Isopropylbenzene (Cumene)		U		Y	4
LRB-01-2-16-17	17B0761-12	m,p-Xylene		U		Y	4
LRB-01-2-16-17	17B0761-12	Methyl Acetate		U		Y	4
LRB-01-2-16-17	17B0761-12	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LRB-01-2-16-17	17B0761-12	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LRB-01-2-16-17	17B0761-12	Methylcyclohexane		U		Y	4
LRB-01-2-16-17	17B0761-12	Methylene Chloride		U		Y	4
LRB-01-2-16-17	17B0761-12	Naphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	N-Butylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	N-Propylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LRB-01-2-16-17	17B0761-12	p-Bromofluorobenzene	99			Y	4
LRB-01-2-16-17	17B0761-12	Pentafluorobenzene	30			Y	4
LRB-01-2-16-17	17B0761-12	Sec-Butylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Styrene		U		Y	4
LRB-01-2-16-17	17B0761-12	T-Butylbenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Tert-Butyl Alcohol		U		Y	4
LRB-01-2-16-17	17B0761-12	Tert-Butyl Methyl Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	Tetrachloroethylene (PCE)		U		Y	4
LRB-01-2-16-17	17B0761-12	Tetrahydrofuran		U		Y	4
LRB-01-2-16-17	17B0761-12	Toluene		U		Y	4
LRB-01-2-16-17	17B0761-12	Toluene-D8	105			Y	4
LRB-01-2-16-17	17B0761-12	Trans-1,2-Dichloroethene		U		Y	4
LRB-01-2-16-17	17B0761-12	Trans-1,3-Dichloropropene		U		Y	4
LRB-01-2-16-17	17B0761-12	Trans-1,4-Dichloro-2-Butene		U		Y	4
LRB-01-2-16-17	17B0761-12	Trichloroethylene (TCE)		U		Y	4
LRB-01-2-16-17	17B0761-12	Trichlorofluoromethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Vinyl Chloride		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,4,5-Tetrachlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2,4-Trichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,2-Diphenylhydrazine		U		Y	4
LRB-01-2-16-17	17B0761-12	1,3-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dichlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	1,4-Dichlorobenzene-D4	40			Y	4
LRB-01-2-16-17	17B0761-12	1-Methylnaphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4,5-Trichlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4,6-Tribromophenol	93.5			Y	4
LRB-01-2-16-17	17B0761-12	2,4,6-Trichlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4-Dichlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4-Dimethylphenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4-Dinitrophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2,4-Dinitrotoluene		U		Y	4
LRB-01-2-16-17	17B0761-12	2,6-Dinitrotoluene		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Chloronaphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Chlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Fluorobiphenyl	91.4			Y	4
LRB-01-2-16-17	17B0761-12	2-Fluorophenol	50			Y	4
LRB-01-2-16-17	17B0761-12	2-Methylnaphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Methylphenol (O-Cresol)		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Nitroaniline		U		Y	4
LRB-01-2-16-17	17B0761-12	2-Nitrophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	3- And 4- Methylphenol (Total)		U		Y	4
LRB-01-2-16-17	17B0761-12	3,3'-Dichlorobenzidine		U	UU	Y	4
LRB-01-2-16-17	17B0761-12	3-Nitroaniline		U		Y	4
LRB-01-2-16-17	17B0761-12	4,6-Dinitro-2-Methylphenol		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Bromophenyl Phenyl Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Chloro-3-Methylphenol		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Chloroaniline		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Chlorophenyl Phenyl Ether		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LRB-01-2-16-17	17B0761-12	4-Nitroaniline		U		Y	4
LRB-01-2-16-17	17B0761-12	4-Nitrophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	Acenaphthene		U		Y	4
LRB-01-2-16-17	17B0761-12	Acenaphthene-D10	40			Y	4
LRB-01-2-16-17	17B0761-12	Acenaphthylene		U		Y	4
LRB-01-2-16-17	17B0761-12	Acetophenone		U		Y	4
LRB-01-2-16-17	17B0761-12	Aniline		U		Y	4
LRB-01-2-16-17	17B0761-12	Anthracene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzidine		U	UJ	Y	4
LRB-01-2-16-17	17B0761-12	Benzo(A)Anthracene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzo(A)Pyrene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzo(B)Fluoranthene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzo(G,H,I)Perylene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzo(K)Fluoranthene		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzoic Acid		U		Y	4
LRB-01-2-16-17	17B0761-12	Benzyl Butyl Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Bis(2-Chloroethoxy) Methane		U		Y	4
LRB-01-2-16-17	17B0761-12	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LRB-01-2-16-17	17B0761-12	Bis(2-Chloroisopropyl) Ether		U		Y	4
LRB-01-2-16-17	17B0761-12	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Carbazole		U		Y	4
LRB-01-2-16-17	17B0761-12	Chrysene		U		Y	4
LRB-01-2-16-17	17B0761-12	Chrysene-D12	40			Y	4
LRB-01-2-16-17	17B0761-12	Dibenz(A,H)Anthracene		U		Y	4
LRB-01-2-16-17	17B0761-12	Dibenzofuran		U		Y	4
LRB-01-2-16-17	17B0761-12	Diethyl Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Dimethyl Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Di-N-Butyl Phthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Di-N-Octylphthalate		U		Y	4
LRB-01-2-16-17	17B0761-12	Fluoranthene		U		Y	4
LRB-01-2-16-17	17B0761-12	Fluorene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorobutadiene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachlorocyclopentadiene		U		Y	4
LRB-01-2-16-17	17B0761-12	Hexachloroethane		U		Y	4
LRB-01-2-16-17	17B0761-12	Indeno(1,2,3-C,D)Pyrene		U		Y	4
LRB-01-2-16-17	17B0761-12	Isophorone		U		Y	4
LRB-01-2-16-17	17B0761-12	Naphthalene		U		Y	4
LRB-01-2-16-17	17B0761-12	Naphthalene-D8	40			Y	4
LRB-01-2-16-17	17B0761-12	Nitrobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Nitrobenzene-D5	79			Y	4
LRB-01-2-16-17	17B0761-12	N-Nitrosodimethylamine		U		Y	4
LRB-01-2-16-17	17B0761-12	N-Nitrosodi-N-Propylamine		U		Y	4
LRB-01-2-16-17	17B0761-12	N-Nitrosodiphenylamine		U		Y	4
LRB-01-2-16-17	17B0761-12	Pentachloronitrobenzene		U		Y	4
LRB-01-2-16-17	17B0761-12	Pentachlorophenol		U		Y	4
LRB-01-2-16-17	17B0761-12	Perylene-D12	40			Y	4
LRB-01-2-16-17	17B0761-12	Phenanthrene		U		Y	4
LRB-01-2-16-17	17B0761-12	Phenanthrene-D10	40			Y	4
LRB-01-2-16-17	17B0761-12	Phenol		U		Y	4
LRB-01-2-16-17	17B0761-12	Phenol-D6	35.5			Y	4
LRB-01-2-16-17	17B0761-12	Pyrene		U		Y	4
LRB-01-2-16-17	17B0761-12	Pyridine		U		Y	4
LRB-01-2-16-17	17B0761-12	Terphenyl-D14	91.2			Y	4
LRB-01-2-16-17	17B0761-12	Cyanide		U		Y	4
B170785-BLK1	B170785-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	88.6			Y	4
B170785-BLK1	B170785-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	84			Y	4
B170785-BLK1	B170785-BLK1	Alachlor		U		Y	4
B170785-BLK1	B170785-BLK1	Alachlor		U		Y	4
B170785-BLK1	B170785-BLK1	Aldrin		U		Y	4
B170785-BLK1	B170785-BLK1	Aldrin		U		Y	4
B170785-BLK1	B170785-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Alpha Endosulfan		U		Y	4
B170785-BLK1	B170785-BLK1	Alpha Endosulfan		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170785-BLK1	B170785-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Beta Endosulfan		U		Y	4
B170785-BLK1	B170785-BLK1	Beta Endosulfan		U		Y	4
B170785-BLK1	B170785-BLK1	Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	cis-Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	cis-Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	Decachlorobiphenyl (PCB 209)	83.8			Y	4
B170785-BLK1	B170785-BLK1	Decachlorobiphenyl (PCB 209)	79.4			Y	4
B170785-BLK1	B170785-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170785-BLK1	B170785-BLK1	Dieldrin		U		Y	4
B170785-BLK1	B170785-BLK1	Dieldrin		U		Y	4
B170785-BLK1	B170785-BLK1	Endosulfan Sulfate		U		Y	4
B170785-BLK1	B170785-BLK1	Endosulfan Sulfate		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin Aldehyde		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin Aldehyde		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin Ketone		U		Y	4
B170785-BLK1	B170785-BLK1	Endrin Ketone		U		Y	4
B170785-BLK1	B170785-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170785-BLK1	B170785-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170785-BLK1	B170785-BLK1	Heptachlor		U		Y	4
B170785-BLK1	B170785-BLK1	Heptachlor		U		Y	4
B170785-BLK1	B170785-BLK1	Heptachlor Epoxide		U		Y	4
B170785-BLK1	B170785-BLK1	Heptachlor Epoxide		U		Y	4
B170785-BLK1	B170785-BLK1	Hexachlorobenzene		U		Y	4
B170785-BLK1	B170785-BLK1	Hexachlorobenzene		U		Y	4
B170785-BLK1	B170785-BLK1	Methoxychlor		U		Y	4
B170785-BLK1	B170785-BLK1	Methoxychlor		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDD		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDD		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDE		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDE		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDT		U		Y	4
B170785-BLK1	B170785-BLK1	P,P'-DDT		U		Y	4
B170785-BLK1	B170785-BLK1	Toxaphene		U		Y	4
B170785-BLK1	B170785-BLK1	Toxaphene		U		Y	4
B170785-BLK1	B170785-BLK1	trans-Chlordane		U		Y	4
B170785-BLK1	B170785-BLK1	trans-Chlordane		U		Y	4
B170785-BS1	B170785-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89.2			Y	4
B170785-BS1	B170785-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	84.1			Y	4
B170785-BS1	B170785-BS1	Alachlor	1			Y	4
B170785-BS1	B170785-BS1	Alachlor	1			Y	4
B170785-BS1	B170785-BS1	Aldrin	0.88			Y	4
B170785-BS1	B170785-BS1	Aldrin	0.87			Y	4
B170785-BS1	B170785-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.88			Y	4
B170785-BS1	B170785-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.86			Y	4
B170785-BS1	B170785-BS1	Alpha Endosulfan	0.89			Y	4
B170785-BS1	B170785-BS1	Alpha Endosulfan	0.89			Y	4
B170785-BS1	B170785-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.87			Y	4
B170785-BS1	B170785-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.84			Y	4
B170785-BS1	B170785-BS1	Beta Endosulfan	0.9			Y	4
B170785-BS1	B170785-BS1	Beta Endosulfan	0.89			Y	4
B170785-BS1	B170785-BS1	Decachlorobiphenyl (PCB 209)	83.3			Y	4
B170785-BS1	B170785-BS1	Decachlorobiphenyl (PCB 209)	79.3			Y	4
B170785-BS1	B170785-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.93			Y	4
B170785-BS1	B170785-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.88			Y	4
B170785-BS1	B170785-BS1	Dieldrin	0.86			Y	4
B170785-BS1	B170785-BS1	Dieldrin	0.84			Y	4
B170785-BS1	B170785-BS1	Endosulfan Sulfate	0.91			Y	4
B170785-BS1	B170785-BS1	Endosulfan Sulfate	0.89			Y	4
B170785-BS1	B170785-BS1	Endrin	0.94			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170785-BS1	B170785-BS1	Endrin	0.93			Y	4
B170785-BS1	B170785-BS1	Endrin Aldehyde	0.87			Y	4
B170785-BS1	B170785-BS1	Endrin Aldehyde	0.86			Y	4
B170785-BS1	B170785-BS1	Endrin Ketone	0.94			Y	4
B170785-BS1	B170785-BS1	Endrin Ketone	0.91			Y	4
B170785-BS1	B170785-BS1	Gamma Bhc (Lindane)	0.91			Y	4
B170785-BS1	B170785-BS1	Gamma Bhc (Lindane)	0.89			Y	4
B170785-BS1	B170785-BS1	Heptachlor	0.86			Y	4
B170785-BS1	B170785-BS1	Heptachlor	0.87			Y	4
B170785-BS1	B170785-BS1	Heptachlor Epoxide	0.89			Y	4
B170785-BS1	B170785-BS1	Heptachlor Epoxide	0.87			Y	4
B170785-BS1	B170785-BS1	Hexachlorobenzene	0.88			Y	4
B170785-BS1	B170785-BS1	Hexachlorobenzene	0.83			Y	4
B170785-BS1	B170785-BS1	Methoxychlor	0.91			Y	4
B170785-BS1	B170785-BS1	Methoxychlor	0.88			Y	4
B170785-BS1	B170785-BS1	P,P'-DDD	0.94			Y	4
B170785-BS1	B170785-BS1	P,P'-DDD	0.9			Y	4
B170785-BS1	B170785-BS1	P,P'-DDE	0.91			Y	4
B170785-BS1	B170785-BS1	P,P'-DDE	0.9			Y	4
B170785-BS1	B170785-BS1	P,P'-DDT	0.91			Y	4
B170785-BS1	B170785-BS1	P,P'-DDT	0.87			Y	4
B170785-BSD1	B170785-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	88.9			Y	4
B170785-BSD1	B170785-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	82.8			Y	4
B170785-BSD1	B170785-BSD1	Alachlor	1			Y	4
B170785-BSD1	B170785-BSD1	Alachlor	0.99			Y	4
B170785-BSD1	B170785-BSD1	Aldrin	0.87			Y	4
B170785-BSD1	B170785-BSD1	Aldrin	0.86			Y	4
B170785-BSD1	B170785-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.89			Y	4
B170785-BSD1	B170785-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.86			Y	4
B170785-BSD1	B170785-BSD1	Alpha Endosulfan	0.87			Y	4
B170785-BSD1	B170785-BSD1	Alpha Endosulfan	0.87			Y	4
B170785-BSD1	B170785-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.86			Y	4
B170785-BSD1	B170785-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.83			Y	4
B170785-BSD1	B170785-BSD1	Beta Endosulfan	0.88			Y	4
B170785-BSD1	B170785-BSD1	Beta Endosulfan	0.86			Y	4
B170785-BSD1	B170785-BSD1	Decachlorobiphenyl (PCB 209)	81.7			Y	4
B170785-BSD1	B170785-BSD1	Decachlorobiphenyl (PCB 209)	77.7			Y	4
B170785-BSD1	B170785-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.92			Y	4
B170785-BSD1	B170785-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.86			Y	4
B170785-BSD1	B170785-BSD1	Dieldrin	0.84			Y	4
B170785-BSD1	B170785-BSD1	Dieldrin	0.82			Y	4
B170785-BSD1	B170785-BSD1	Endosulfan Sulfate	0.89			Y	4
B170785-BSD1	B170785-BSD1	Endosulfan Sulfate	0.87			Y	4
B170785-BSD1	B170785-BSD1	Endrin	0.92			Y	4
B170785-BSD1	B170785-BSD1	Endrin	0.91			Y	4
B170785-BSD1	B170785-BSD1	Endrin Aldehyde	0.86			Y	4
B170785-BSD1	B170785-BSD1	Endrin Aldehyde	0.84			Y	4
B170785-BSD1	B170785-BSD1	Endrin Ketone	0.91			Y	4
B170785-BSD1	B170785-BSD1	Endrin Ketone	0.89			Y	4
B170785-BSD1	B170785-BSD1	Gamma Bhc (Lindane)	0.91			Y	4
B170785-BSD1	B170785-BSD1	Gamma Bhc (Lindane)	0.88			Y	4
B170785-BSD1	B170785-BSD1	Heptachlor	0.86			Y	4
B170785-BSD1	B170785-BSD1	Heptachlor	0.87			Y	4
B170785-BSD1	B170785-BSD1	Heptachlor Epoxide	0.87			Y	4
B170785-BSD1	B170785-BSD1	Heptachlor Epoxide	0.85			Y	4
B170785-BSD1	B170785-BSD1	Hexachlorobenzene	0.87			Y	4
B170785-BSD1	B170785-BSD1	Hexachlorobenzene	0.83			Y	4
B170785-BSD1	B170785-BSD1	Methoxychlor	0.9			Y	4
B170785-BSD1	B170785-BSD1	Methoxychlor	0.87			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDD	0.92			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDD	0.88			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDE	0.9			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDE	0.88			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDT	0.9			Y	4
B170785-BSD1	B170785-BSD1	P,P'-DDT	0.85			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170787-BLK1	B170787-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	97.6			Y	4
B170787-BLK1	B170787-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	90.7			Y	4
B170787-BLK1	B170787-BLK1	Decachlorobiphenyl (PCB 209)	97.3			Y	4
B170787-BLK1	B170787-BLK1	Decachlorobiphenyl (PCB 209)	95.4			Y	4
B170787-BLK1	B170787-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170787-BLK1	B170787-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170787-BS1	B170787-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	95			Y	4
B170787-BS1	B170787-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	87.9			Y	4
B170787-BS1	B170787-BS1	Decachlorobiphenyl (PCB 209)	93.3			Y	4
B170787-BS1	B170787-BS1	Decachlorobiphenyl (PCB 209)	91.5			Y	4
B170787-BS1	B170787-BS1	PCB-1016 (Aroclor 1016)	0.47			Y	4
B170787-BS1	B170787-BS1	PCB-1016 (Aroclor 1016)	0.46			Y	4
B170787-BS1	B170787-BS1	PCB-1260 (Aroclor 1260)	0.49			Y	4
B170787-BS1	B170787-BS1	PCB-1260 (Aroclor 1260)	0.46			Y	4
B170787-BSD1	B170787-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	95.1			Y	4
B170787-BSD1	B170787-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	87.8			Y	4
B170787-BSD1	B170787-BSD1	Decachlorobiphenyl (PCB 209)	59.3			Y	4
B170787-BSD1	B170787-BSD1	Decachlorobiphenyl (PCB 209)	57.7			Y	4
B170787-BSD1	B170787-BSD1	PCB-1016 (Aroclor 1016)	0.48			Y	4
B170787-BSD1	B170787-BSD1	PCB-1016 (Aroclor 1016)	0.47			Y	4
B170787-BSD1	B170787-BSD1	PCB-1260 (Aroclor 1260)	0.5			Y	4
B170787-BSD1	B170787-BSD1	PCB-1260 (Aroclor 1260)	0.47			Y	4
B170788-BLK1	B170788-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	87.9			Y	4
B170788-BLK1	B170788-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	87.6			Y	4
B170788-BLK1	B170788-BLK1	Alachlor		U		Y	4
B170788-BLK1	B170788-BLK1	Alachlor		U		Y	4
B170788-BLK1	B170788-BLK1	Aldrin		U		Y	4
B170788-BLK1	B170788-BLK1	Aldrin		U		Y	4
B170788-BLK1	B170788-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Alpha Endosulfan		U		Y	4
B170788-BLK1	B170788-BLK1	Alpha Endosulfan		U		Y	4
B170788-BLK1	B170788-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Beta Endosulfan		U		Y	4
B170788-BLK1	B170788-BLK1	Beta Endosulfan		U		Y	4
B170788-BLK1	B170788-BLK1	Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	cis-Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	cis-Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	Decachlorobiphenyl (PCB 209)	90.5			Y	4
B170788-BLK1	B170788-BLK1	Decachlorobiphenyl (PCB 209)	90.9			Y	4
B170788-BLK1	B170788-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170788-BLK1	B170788-BLK1	Dieldrin		U		Y	4
B170788-BLK1	B170788-BLK1	Dieldrin		U		Y	4
B170788-BLK1	B170788-BLK1	Endosulfan Sulfate		U		Y	4
B170788-BLK1	B170788-BLK1	Endosulfan Sulfate		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170788-BLK1	B170788-BLK1	Endrin		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin Aldehyde		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin Aldehyde		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin Ketone		U		Y	4
B170788-BLK1	B170788-BLK1	Endrin Ketone		U		Y	4
B170788-BLK1	B170788-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170788-BLK1	B170788-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170788-BLK1	B170788-BLK1	Heptachlor		U		Y	4
B170788-BLK1	B170788-BLK1	Heptachlor		U		Y	4
B170788-BLK1	B170788-BLK1	Heptachlor Epoxide		U		Y	4
B170788-BLK1	B170788-BLK1	Heptachlor Epoxide		U		Y	4
B170788-BLK1	B170788-BLK1	Hexachlorobenzene		U		Y	4
B170788-BLK1	B170788-BLK1	Hexachlorobenzene		U		Y	4
B170788-BLK1	B170788-BLK1	Methoxychlor		U		Y	4
B170788-BLK1	B170788-BLK1	Methoxychlor		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDD		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDD		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDE		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDE		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDT		U		Y	4
B170788-BLK1	B170788-BLK1	P,P'-DDT		U		Y	4
B170788-BLK1	B170788-BLK1	Toxaphene		U		Y	4
B170788-BLK1	B170788-BLK1	Toxaphene		U		Y	4
B170788-BLK1	B170788-BLK1	trans-Chlordane		U		Y	4
B170788-BLK1	B170788-BLK1	trans-Chlordane		U		Y	4
B170788-BS1	B170788-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89			Y	4
B170788-BS1	B170788-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	87.8			Y	4
B170788-BS1	B170788-BS1	Alachlor	0.1			Y	4
B170788-BS1	B170788-BS1	Alachlor	0.1			Y	4
B170788-BS1	B170788-BS1	Aldrin	0.089			Y	4
B170788-BS1	B170788-BS1	Aldrin	0.089			Y	4
B170788-BS1	B170788-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.082			Y	4
B170788-BS1	B170788-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.082			Y	4
B170788-BS1	B170788-BS1	Alpha Endosulfan	0.078			Y	4
B170788-BS1	B170788-BS1	Alpha Endosulfan	0.08			Y	4
B170788-BS1	B170788-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.086			Y	4
B170788-BS1	B170788-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.088			Y	4
B170788-BS1	B170788-BS1	Beta Endosulfan	0.083			Y	4
B170788-BS1	B170788-BS1	Beta Endosulfan	0.085			Y	4
B170788-BS1	B170788-BS1	cis-Chlordane	0.09			Y	4
B170788-BS1	B170788-BS1	cis-Chlordane	0.092			Y	4
B170788-BS1	B170788-BS1	Decachlorobiphenyl (PCB 209)	94.7			Y	4
B170788-BS1	B170788-BS1	Decachlorobiphenyl (PCB 209)	95.2			Y	4
B170788-BS1	B170788-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.056			Y	4
B170788-BS1	B170788-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.057			Y	4
B170788-BS1	B170788-BS1	Dieldrin	0.089			Y	4
B170788-BS1	B170788-BS1	Dieldrin	0.087			Y	4
B170788-BS1	B170788-BS1	Endosulfan Sulfate	0.091			Y	4
B170788-BS1	B170788-BS1	Endosulfan Sulfate	0.089			Y	4
B170788-BS1	B170788-BS1	Endrin	0.089			Y	4
B170788-BS1	B170788-BS1	Endrin	0.091			Y	4
B170788-BS1	B170788-BS1	Endrin Aldehyde	0.085			Y	4
B170788-BS1	B170788-BS1	Endrin Aldehyde	0.086			Y	4
B170788-BS1	B170788-BS1	Endrin Ketone	0.096			Y	4
B170788-BS1	B170788-BS1	Endrin Ketone	0.097			Y	4
B170788-BS1	B170788-BS1	Gamma Bhc (Lindane)	0.085			Y	4
B170788-BS1	B170788-BS1	Gamma Bhc (Lindane)	0.085			Y	4
B170788-BS1	B170788-BS1	Heptachlor	0.085			Y	4
B170788-BS1	B170788-BS1	Heptachlor	0.089			Y	4
B170788-BS1	B170788-BS1	Heptachlor Epoxide	0.087			Y	4
B170788-BS1	B170788-BS1	Heptachlor Epoxide	0.088			Y	4
B170788-BS1	B170788-BS1	Hexachlorobenzene	0.087			Y	4
B170788-BS1	B170788-BS1	Hexachlorobenzene	0.088			Y	4
B170788-BS1	B170788-BS1	Methoxychlor	0.086			Y	4
B170788-BS1	B170788-BS1	Methoxychlor	0.091			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170788-BS1	B170788-BS1	P,P'-DDD	0.096			Y	4
B170788-BS1	B170788-BS1	P,P'-DDD	0.095			Y	4
B170788-BS1	B170788-BS1	P,P'-DDE	0.097			Y	4
B170788-BS1	B170788-BS1	P,P'-DDE	0.095			Y	4
B170788-BS1	B170788-BS1	P,P'-DDT	0.089			Y	4
B170788-BS1	B170788-BS1	P,P'-DDT	0.085			Y	4
B170788-BS1	B170788-BS1	trans-Chlordane	0.087			Y	4
B170788-BS1	B170788-BS1	trans-Chlordane	0.094			Y	4
B170788-BSD1	B170788-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	88.3			Y	4
B170788-BSD1	B170788-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	87.3			Y	4
B170788-BSD1	B170788-BSD1	Alachlor	0.1			Y	4
B170788-BSD1	B170788-BSD1	Alachlor	0.098			Y	4
B170788-BSD1	B170788-BSD1	Aldrin	0.088			Y	4
B170788-BSD1	B170788-BSD1	Aldrin	0.088			Y	4
B170788-BSD1	B170788-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.075			Y	4
B170788-BSD1	B170788-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.075			Y	4
B170788-BSD1	B170788-BSD1	Alpha Endosulfan	0.071			Y	4
B170788-BSD1	B170788-BSD1	Alpha Endosulfan	0.074			Y	4
B170788-BSD1	B170788-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.083			Y	4
B170788-BSD1	B170788-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.086			Y	4
B170788-BSD1	B170788-BSD1	Beta Endosulfan	0.077			Y	4
B170788-BSD1	B170788-BSD1	Beta Endosulfan	0.078			Y	4
B170788-BSD1	B170788-BSD1	cis-Chlordane	0.088			Y	4
B170788-BSD1	B170788-BSD1	cis-Chlordane	0.09			Y	4
B170788-BSD1	B170788-BSD1	Decachlorobiphenyl (PCB 209)	93.3			Y	4
B170788-BSD1	B170788-BSD1	Decachlorobiphenyl (PCB 209)	93.9			Y	4
B170788-BSD1	B170788-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.047			Y	4
B170788-BSD1	B170788-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.048			Y	4
B170788-BSD1	B170788-BSD1	Dieldrin	0.087			Y	4
B170788-BSD1	B170788-BSD1	Dieldrin	0.085			Y	4
B170788-BSD1	B170788-BSD1	Endosulfan Sulfate	0.087			Y	4
B170788-BSD1	B170788-BSD1	Endosulfan Sulfate	0.085			Y	4
B170788-BSD1	B170788-BSD1	Endrin	0.087			Y	4
B170788-BSD1	B170788-BSD1	Endrin	0.089			Y	4
B170788-BSD1	B170788-BSD1	Endrin Aldehyde	0.083			Y	4
B170788-BSD1	B170788-BSD1	Endrin Aldehyde	0.085			Y	4
B170788-BSD1	B170788-BSD1	Endrin Ketone	0.094			Y	4
B170788-BSD1	B170788-BSD1	Endrin Ketone	0.095			Y	4
B170788-BSD1	B170788-BSD1	Gamma Bhc (Lindane)	0.078			Y	4
B170788-BSD1	B170788-BSD1	Gamma Bhc (Lindane)	0.079			Y	4
B170788-BSD1	B170788-BSD1	Heptachlor	0.083			Y	4
B170788-BSD1	B170788-BSD1	Heptachlor	0.087			Y	4
B170788-BSD1	B170788-BSD1	Heptachlor Epoxide	0.085			Y	4
B170788-BSD1	B170788-BSD1	Heptachlor Epoxide	0.085			Y	4
B170788-BSD1	B170788-BSD1	Hexachlorobenzene	0.085			Y	4
B170788-BSD1	B170788-BSD1	Hexachlorobenzene	0.087			Y	4
B170788-BSD1	B170788-BSD1	Methoxychlor	0.084			Y	4
B170788-BSD1	B170788-BSD1	Methoxychlor	0.09			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDD	0.094			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDD	0.095			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDE	0.096			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDE	0.095			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDT	0.086			Y	4
B170788-BSD1	B170788-BSD1	P,P'-DDT	0.083			Y	4
B170788-BSD1	B170788-BSD1	trans-Chlordane	0.085			Y	4
B170788-BSD1	B170788-BSD1	trans-Chlordane	0.092			Y	4
B170789-BLK1	B170789-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	94.3			Y	4
B170789-BLK1	B170789-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	83.5			Y	4
B170789-BLK1	B170789-BLK1	Decachlorobiphenyl (PCB 209)	94.4			Y	4
B170789-BLK1	B170789-BLK1	Decachlorobiphenyl (PCB 209)	89.1			Y	4
B170789-BLK1	B170789-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170789-BLK1	B170789-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170789-BLK1	B170789-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170789-BS1	B170789-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	87.2			Y	4
B170789-BS1	B170789-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	77.8			Y	4
B170789-BS1	B170789-BS1	Decachlorobiphenyl (PCB 209)	93.5			Y	4
B170789-BS1	B170789-BS1	Decachlorobiphenyl (PCB 209)	88.5			Y	4
B170789-BS1	B170789-BS1	PCB-1016 (Aroclor 1016)	0.15			Y	4
B170789-BS1	B170789-BS1	PCB-1016 (Aroclor 1016)	0.15			Y	4
B170789-BS1	B170789-BS1	PCB-1260 (Aroclor 1260)	0.16			Y	4
B170789-BS1	B170789-BS1	PCB-1260 (Aroclor 1260)	0.16			Y	4
B170789-BSD1	B170789-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	94			Y	4
B170789-BSD1	B170789-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	84.1			Y	4
B170789-BSD1	B170789-BSD1	Decachlorobiphenyl (PCB 209)	92.5			Y	4
B170789-BSD1	B170789-BSD1	Decachlorobiphenyl (PCB 209)	87.5			Y	4
B170789-BSD1	B170789-BSD1	PCB-1016 (Aroclor 1016)	0.16			Y	4
B170789-BSD1	B170789-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	4
B170789-BSD1	B170789-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	4
B170789-BSD1	B170789-BSD1	PCB-1260 (Aroclor 1260)	0.16			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	80.4			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	2,4,5,6-Tetrachloro-Meta-Xylene	74.4			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	Decachlorobiphenyl (PCB 209)	63.9			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	Decachlorobiphenyl (PCB 209)	55.7			Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	PCB-1016 (Aroclor 1016)	0.18	D		Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	PCB-1016 (Aroclor 1016)	0.3	D		Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	PCB-1260 (Aroclor 1260)	0.58	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170789-MS1	PCB-1260 (Aroclor 1260)	0.44	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	78.9			Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	2,4,5,6-Tetrachloro-Meta-Xylene	74.4			Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	Decachlorobiphenyl (PCB 209)	61.6			Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	Decachlorobiphenyl (PCB 209)	56.6			Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	PCB-1016 (Aroclor 1016)	0.18	D		Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	PCB-1016 (Aroclor 1016)	0.35	D		Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	PCB-1260 (Aroclor 1260)	0.76	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170789-MSD1	PCB-1260 (Aroclor 1260)	0.56	D	J	Y	4
B170795-BLK1	B170795-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,2-Dichlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,2-Diphenylhydrazine		U		Y	4
B170795-BLK1	B170795-BLK1	1,3-Dichlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,4-Dichlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	1,4-Dichlorobenzene-D4	40			Y	4
B170795-BLK1	B170795-BLK1	1-Methylnaphthalene		U		Y	4
B170795-BLK1	B170795-BLK1	2,4,5-Trichlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4,6-Tribromophenol	105			Y	4
B170795-BLK1	B170795-BLK1	2,4,6-Trichlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4-Dichlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4-Dimethylphenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4-Dinitrophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2,4-Dinitrotoluene		U		Y	4
B170795-BLK1	B170795-BLK1	2,6-Dinitrotoluene		U		Y	4
B170795-BLK1	B170795-BLK1	2-Chloronaphthalene		U		Y	4
B170795-BLK1	B170795-BLK1	2-Chlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	2-Fluorobiphenyl	101			Y	4
B170795-BLK1	B170795-BLK1	2-Fluorophenol	56.5			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170795-BLK1	B170795-BLK1	2-Methylnaphthalene		U		Y	4
B170795-BLK1	B170795-BLK1	2-Methylphenol (O-Cresol)		U		Y	4
B170795-BLK1	B170795-BLK1	2-Nitroaniline		U		Y	4
B170795-BLK1	B170795-BLK1	2-Nitrophenol		U		Y	4
B170795-BLK1	B170795-BLK1	3- And 4- Methylphenol (Total)		U		Y	4
B170795-BLK1	B170795-BLK1	3,3'-Dichlorobenzidine		U		Y	4
B170795-BLK1	B170795-BLK1	3-Nitroaniline		U		Y	4
B170795-BLK1	B170795-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	4
B170795-BLK1	B170795-BLK1	4-Bromophenyl Phenyl Ether		U		Y	4
B170795-BLK1	B170795-BLK1	4-Chloro-3-Methylphenol		U		Y	4
B170795-BLK1	B170795-BLK1	4-Chloroaniline		U		Y	4
B170795-BLK1	B170795-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	4
B170795-BLK1	B170795-BLK1	4-Nitroaniline		U		Y	4
B170795-BLK1	B170795-BLK1	4-Nitrophenol		U		Y	4
B170795-BLK1	B170795-BLK1	Acenaphthene		U		Y	4
B170795-BLK1	B170795-BLK1	Acenaphthene-D10	40			Y	4
B170795-BLK1	B170795-BLK1	Acenaphthylene		U		Y	4
B170795-BLK1	B170795-BLK1	Acetophenone		U		Y	4
B170795-BLK1	B170795-BLK1	Aniline		U		Y	4
B170795-BLK1	B170795-BLK1	Anthracene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzidine		U	UJ	Y	4
B170795-BLK1	B170795-BLK1	Benzo(A)Anthracene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzo(A)Pyrene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzo(B)Fluoranthene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzo(G,H,I)Perylene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzo(K)Fluoranthene		U		Y	4
B170795-BLK1	B170795-BLK1	Benzoic Acid		U		Y	4
B170795-BLK1	B170795-BLK1	Benzyl Butyl Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	4
B170795-BLK1	B170795-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
B170795-BLK1	B170795-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	4
B170795-BLK1	B170795-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Carbazole		U		Y	4
B170795-BLK1	B170795-BLK1	Chrysene		U		Y	4
B170795-BLK1	B170795-BLK1	Chrysene-D12	40			Y	4
B170795-BLK1	B170795-BLK1	Dibenz(A,H)Anthracene		U		Y	4
B170795-BLK1	B170795-BLK1	Dibenzofuran		U		Y	4
B170795-BLK1	B170795-BLK1	Diethyl Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Dimethyl Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Di-N-Butyl Phthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Di-N-Octylphthalate		U		Y	4
B170795-BLK1	B170795-BLK1	Fluoranthene		U		Y	4
B170795-BLK1	B170795-BLK1	Fluorene		U		Y	4
B170795-BLK1	B170795-BLK1	Hexachlorobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	Hexachlorobutadiene		U		Y	4
B170795-BLK1	B170795-BLK1	Hexachlorocyclopentadiene		U		Y	4
B170795-BLK1	B170795-BLK1	Hexachloroethane		U		Y	4
B170795-BLK1	B170795-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	4
B170795-BLK1	B170795-BLK1	Isophorone		U		Y	4
B170795-BLK1	B170795-BLK1	Naphthalene		U		Y	4
B170795-BLK1	B170795-BLK1	Naphthalene-D8	40			Y	4
B170795-BLK1	B170795-BLK1	Nitrobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	Nitrobenzene-D5	88.2			Y	4
B170795-BLK1	B170795-BLK1	N-Nitrosodimethylamine		U		Y	4
B170795-BLK1	B170795-BLK1	N-Nitrosodi-N-Propylamine		U		Y	4
B170795-BLK1	B170795-BLK1	N-Nitrosodiphenylamine		U		Y	4
B170795-BLK1	B170795-BLK1	Pentachloronitrobenzene		U		Y	4
B170795-BLK1	B170795-BLK1	Pentachlorophenol		U		Y	4
B170795-BLK1	B170795-BLK1	Perylene-D12	40			Y	4
B170795-BLK1	B170795-BLK1	Phenanthrene		U		Y	4
B170795-BLK1	B170795-BLK1	Phenanthrene-D10	40			Y	4
B170795-BLK1	B170795-BLK1	Phenol		U		Y	4
B170795-BLK1	B170795-BLK1	Phenol-D6	39.3			Y	4
B170795-BLK1	B170795-BLK1	Pyrene		U		Y	4
B170795-BLK1	B170795-BLK1	Pyridine		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170795-BLK1	B170795-BLK1	Terphenyl-D14	96.2			Y	4
B170795-BS1	B170795-BS1	1,2,4,5-Tetrachlorobenzene	94			Y	4
B170795-BS1	B170795-BS1	1,2,4-Trichlorobenzene	81.5			Y	4
B170795-BS1	B170795-BS1	1,2-Dichlorobenzene	77			Y	4
B170795-BS1	B170795-BS1	1,2-Diphenylhydrazine	98.3			Y	4
B170795-BS1	B170795-BS1	1,3-Dichlorobenzene	74.9			Y	4
B170795-BS1	B170795-BS1	1,4-Dichlorobenzene	75			Y	4
B170795-BS1	B170795-BS1	1,4-Dichlorobenzene-D4	40			Y	4
B170795-BS1	B170795-BS1	1-Methylnaphthalene	82.9			Y	4
B170795-BS1	B170795-BS1	2,4,5-Trichlorophenol	97.7			Y	4
B170795-BS1	B170795-BS1	2,4,6-Tribromophenol	117			Y	4
B170795-BS1	B170795-BS1	2,4,6-Trichlorophenol	99.8			Y	4
B170795-BS1	B170795-BS1	2,4-Dichlorophenol	83.3			Y	4
B170795-BS1	B170795-BS1	2,4-Dimethylphenol	75.7			Y	4
B170795-BS1	B170795-BS1	2,4-Dinitrophenol	76			Y	4
B170795-BS1	B170795-BS1	2,4-Dinitrotoluene	98.7			Y	4
B170795-BS1	B170795-BS1	2,6-Dinitrotoluene	104			Y	4
B170795-BS1	B170795-BS1	2-Chloronaphthalene	85.9			Y	4
B170795-BS1	B170795-BS1	2-Chlorophenol	78.4			Y	4
B170795-BS1	B170795-BS1	2-Fluorobiphenyl	104			Y	4
B170795-BS1	B170795-BS1	2-Fluorophenol	57.3			Y	4
B170795-BS1	B170795-BS1	2-Methylnaphthalene	89.4			Y	4
B170795-BS1	B170795-BS1	2-Methylphenol (O-Cresol)	73.8			Y	4
B170795-BS1	B170795-BS1	2-Nitroaniline	101			Y	4
B170795-BS1	B170795-BS1	2-Nitrophenol	82.6			Y	4
B170795-BS1	B170795-BS1	3- And 4- Methylphenol (Total)	73			Y	4
B170795-BS1	B170795-BS1	3,3'-Dichlorobenzidine	85.5			Y	4
B170795-BS1	B170795-BS1	3-Nitroaniline	76.7			Y	4
B170795-BS1	B170795-BS1	4,6-Dinitro-2-Methylphenol	77.7			Y	4
B170795-BS1	B170795-BS1	4-Bromophenyl Phenyl Ether	94.9			Y	4
B170795-BS1	B170795-BS1	4-Chloro-3-Methylphenol	87.3			Y	4
B170795-BS1	B170795-BS1	4-Chloroaniline	50.7			Y	4
B170795-BS1	B170795-BS1	4-Chlorophenyl Phenyl Ether	105			Y	4
B170795-BS1	B170795-BS1	4-Nitroaniline	104			Y	4
B170795-BS1	B170795-BS1	4-Nitrophenol	58.6			Y	4
B170795-BS1	B170795-BS1	Acenaphthene	90			Y	4
B170795-BS1	B170795-BS1	Acenaphthene-D10	40			Y	4
B170795-BS1	B170795-BS1	Acenaphthylene	93.8			Y	4
B170795-BS1	B170795-BS1	Acetophenone	86.2			Y	4
B170795-BS1	B170795-BS1	Aniline	50.4			Y	4
B170795-BS1	B170795-BS1	Anthracene	87.4			Y	4
B170795-BS1	B170795-BS1	Benzidine		U	UJ	Y	4
B170795-BS1	B170795-BS1	Benzo(A)Anthracene	93.7			Y	4
B170795-BS1	B170795-BS1	Benzo(A)Pyrene	90.2			Y	4
B170795-BS1	B170795-BS1	Benzo(B)Fluoranthene	88.4			Y	4
B170795-BS1	B170795-BS1	Benzo(G,H,I)Perylene	79.3			Y	4
B170795-BS1	B170795-BS1	Benzo(K)Fluoranthene	90.9			Y	4
B170795-BS1	B170795-BS1	Benzoic Acid	37.2			Y	4
B170795-BS1	B170795-BS1	Benzyl Butyl Phthalate	99.1			Y	4
B170795-BS1	B170795-BS1	Bis(2-Chloroethoxy) Methane	95.7			Y	4
B170795-BS1	B170795-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	101			Y	4
B170795-BS1	B170795-BS1	Bis(2-Chloroisopropyl) Ether	91.2			Y	4
B170795-BS1	B170795-BS1	Bis(2-Ethylhexyl) Phthalate	107			Y	4
B170795-BS1	B170795-BS1	Carbazole	84.8			Y	4
B170795-BS1	B170795-BS1	Chrysene	89.3			Y	4
B170795-BS1	B170795-BS1	Chrysene-D12	40			Y	4
B170795-BS1	B170795-BS1	Dibenz(A,H)Anthracene	91.4			Y	4
B170795-BS1	B170795-BS1	Dibenzofuran	101			Y	4
B170795-BS1	B170795-BS1	Diethyl Phthalate	107			Y	4
B170795-BS1	B170795-BS1	Dimethyl Phthalate	100			Y	4
B170795-BS1	B170795-BS1	Di-N-Butyl Phthalate	96.7			Y	4
B170795-BS1	B170795-BS1	Di-N-Octylphthalate	101			Y	4
B170795-BS1	B170795-BS1	Fluoranthene	84.8			Y	4
B170795-BS1	B170795-BS1	Fluorene	96.9			Y	4
B170795-BS1	B170795-BS1	Hexachlorobenzene	93.6			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170795-BS1	B170795-BS1	Hexachlorobutadiene	84.8			Y	4
B170795-BS1	B170795-BS1	Hexachlorocyclopentadiene	71.1			Y	4
B170795-BS1	B170795-BS1	Hexachloroethane	76.6			Y	4
B170795-BS1	B170795-BS1	Indeno(1,2,3-C,D)Pyrene	87			Y	4
B170795-BS1	B170795-BS1	Isophorone	91.4			Y	4
B170795-BS1	B170795-BS1	Naphthalene	81			Y	4
B170795-BS1	B170795-BS1	Naphthalene-D8	40			Y	4
B170795-BS1	B170795-BS1	Nitrobenzene	84			Y	4
B170795-BS1	B170795-BS1	Nitrobenzene-D5	88.5			Y	4
B170795-BS1	B170795-BS1	N-Nitrosodimethylamine	57.3			Y	4
B170795-BS1	B170795-BS1	N-Nitrosodi-N-Propylamine	90.4			Y	4
B170795-BS1	B170795-BS1	N-Nitrosodiphenylamine	118			Y	4
B170795-BS1	B170795-BS1	Pentachloronitrobenzene	97.3			Y	4
B170795-BS1	B170795-BS1	Pentachlorophenol	77			Y	4
B170795-BS1	B170795-BS1	Perylene-D12	40			Y	4
B170795-BS1	B170795-BS1	Phenanthrene	87.2			Y	4
B170795-BS1	B170795-BS1	Phenanthrene-D10	40			Y	4
B170795-BS1	B170795-BS1	Phenol	42.6			Y	4
B170795-BS1	B170795-BS1	Phenol-D6	41.8			Y	4
B170795-BS1	B170795-BS1	Pyrene	81.4			Y	4
B170795-BS1	B170795-BS1	Pyridine	41.5			Y	4
B170795-BS1	B170795-BS1	Terphenyl-D14	94.8			Y	4
B170795-BSD1	B170795-BSD1	1,2,4,5-Tetrachlorobenzene	91.8			Y	4
B170795-BSD1	B170795-BSD1	1,2,4-Trichlorobenzene	79.2			Y	4
B170795-BSD1	B170795-BSD1	1,2-Dichlorobenzene	75.7			Y	4
B170795-BSD1	B170795-BSD1	1,2-Diphenylhydrazine	92.4			Y	4
B170795-BSD1	B170795-BSD1	1,3-Dichlorobenzene	72.6			Y	4
B170795-BSD1	B170795-BSD1	1,4-Dichlorobenzene	73.2			Y	4
B170795-BSD1	B170795-BSD1	1,4-Dichlorobenzene-D4	40			Y	4
B170795-BSD1	B170795-BSD1	1-Methylnaphthalene	79.7			Y	4
B170795-BSD1	B170795-BSD1	2,4,5-Trichlorophenol	97.2			Y	4
B170795-BSD1	B170795-BSD1	2,4,6-Tribromophenol	116			Y	4
B170795-BSD1	B170795-BSD1	2,4,6-Trichlorophenol	98.1			Y	4
B170795-BSD1	B170795-BSD1	2,4-Dichlorophenol	80.7			Y	4
B170795-BSD1	B170795-BSD1	2,4-Dimethylphenol	71.8			Y	4
B170795-BSD1	B170795-BSD1	2,4-Dinitrophenol	75.4			Y	4
B170795-BSD1	B170795-BSD1	2,4-Dinitrotoluene	101			Y	4
B170795-BSD1	B170795-BSD1	2,6-Dinitrotoluene	103			Y	4
B170795-BSD1	B170795-BSD1	2-Chloronaphthalene	84.9			Y	4
B170795-BSD1	B170795-BSD1	2-Chlorophenol	76.7			Y	4
B170795-BSD1	B170795-BSD1	2-Fluorobiphenyl	99.1			Y	4
B170795-BSD1	B170795-BSD1	2-Fluorophenol	56.5			Y	4
B170795-BSD1	B170795-BSD1	2-Methylnaphthalene	88.1			Y	4
B170795-BSD1	B170795-BSD1	2-Methylphenol (O-Cresol)	71.7			Y	4
B170795-BSD1	B170795-BSD1	2-Nitroaniline	98			Y	4
B170795-BSD1	B170795-BSD1	2-Nitrophenol	80.6			Y	4
B170795-BSD1	B170795-BSD1	3- And 4- Methylphenol (Total)	71.8			Y	4
B170795-BSD1	B170795-BSD1	3,3'-Dichlorobenzidine	69.1			Y	4
B170795-BSD1	B170795-BSD1	3-Nitroaniline	69.5			Y	4
B170795-BSD1	B170795-BSD1	4,6-Dinitro-2-Methylphenol	78.2			Y	4
B170795-BSD1	B170795-BSD1	4-Bromophenyl Phenyl Ether	91			Y	4
B170795-BSD1	B170795-BSD1	4-Chloro-3-Methylphenol	86			Y	4
B170795-BSD1	B170795-BSD1	4-Chloroaniline	47.2			Y	4
B170795-BSD1	B170795-BSD1	4-Chlorophenyl Phenyl Ether	102			Y	4
B170795-BSD1	B170795-BSD1	4-Nitroaniline	108			Y	4
B170795-BSD1	B170795-BSD1	4-Nitrophenol	63.6			Y	4
B170795-BSD1	B170795-BSD1	Acenaphthene	87.7			Y	4
B170795-BSD1	B170795-BSD1	Acenaphthene-D10	40			Y	4
B170795-BSD1	B170795-BSD1	Acenaphthylene	92			Y	4
B170795-BSD1	B170795-BSD1	Acetophenone	82.9			Y	4
B170795-BSD1	B170795-BSD1	Aniline	45.4			Y	4
B170795-BSD1	B170795-BSD1	Anthracene	85.6			Y	4
B170795-BSD1	B170795-BSD1	Benzidine	21.3		J	Y	4
B170795-BSD1	B170795-BSD1	Benzo(A)Anthracene	89.6			Y	4
B170795-BSD1	B170795-BSD1	Benzo(A)Pyrene	86.1			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170795-BSD1	B170795-BSD1	Benzo(B)Fluoranthene	85.6			Y	4
B170795-BSD1	B170795-BSD1	Benzo(G,H,I)Perylene	76.5			Y	4
B170795-BSD1	B170795-BSD1	Benzo(K)Fluoranthene	89.3			Y	4
B170795-BSD1	B170795-BSD1	Benzoic Acid	39.6			Y	4
B170795-BSD1	B170795-BSD1	Benzyl Butyl Phthalate	98.2			Y	4
B170795-BSD1	B170795-BSD1	Bis(2-Chloroethoxy) Methane	90.4			Y	4
B170795-BSD1	B170795-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	98.8			Y	4
B170795-BSD1	B170795-BSD1	Bis(2-Chloroisopropyl) Ether	87.3			Y	4
B170795-BSD1	B170795-BSD1	Bis(2-Ethylhexyl) Phthalate	106			Y	4
B170795-BSD1	B170795-BSD1	Carbazole	85.3			Y	4
B170795-BSD1	B170795-BSD1	Chrysene	85.1			Y	4
B170795-BSD1	B170795-BSD1	Chrysene-D12	40			Y	4
B170795-BSD1	B170795-BSD1	Dibenz(A,H)Anthracene	87			Y	4
B170795-BSD1	B170795-BSD1	Dibenzofuran	97.7			Y	4
B170795-BSD1	B170795-BSD1	Diethyl Phthalate	103			Y	4
B170795-BSD1	B170795-BSD1	Dimethyl Phthalate	97.3			Y	4
B170795-BSD1	B170795-BSD1	Di-N-Butyl Phthalate	93.8			Y	4
B170795-BSD1	B170795-BSD1	Di-N-Octylphthalate	101			Y	4
B170795-BSD1	B170795-BSD1	Fluoranthene	83.4			Y	4
B170795-BSD1	B170795-BSD1	Fluorene	93.6			Y	4
B170795-BSD1	B170795-BSD1	Hexachlorobenzene	90.2			Y	4
B170795-BSD1	B170795-BSD1	Hexachlorobutadiene	82.5			Y	4
B170795-BSD1	B170795-BSD1	Hexachlorocyclopentadiene	68.8			Y	4
B170795-BSD1	B170795-BSD1	Hexachloroethane	75.3			Y	4
B170795-BSD1	B170795-BSD1	Indeno(1,2,3-C,D)Pyrene	85.5			Y	4
B170795-BSD1	B170795-BSD1	Isophorone	87.6			Y	4
B170795-BSD1	B170795-BSD1	Naphthalene	78.6			Y	4
B170795-BSD1	B170795-BSD1	Naphthalene-D8	40			Y	4
B170795-BSD1	B170795-BSD1	Nitrobenzene	80.4			Y	4
B170795-BSD1	B170795-BSD1	Nitrobenzene-D5	84			Y	4
B170795-BSD1	B170795-BSD1	N-Nitrosodimethylamine	56.4			Y	4
B170795-BSD1	B170795-BSD1	N-Nitrosodi-N-Propylamine	86.2			Y	4
B170795-BSD1	B170795-BSD1	N-Nitrosodiphenylamine	113			Y	4
B170795-BSD1	B170795-BSD1	Pentachloronitrobenzene	95.5			Y	4
B170795-BSD1	B170795-BSD1	Pentachlorophenol	75.2			Y	4
B170795-BSD1	B170795-BSD1	Perylene-D12	40			Y	4
B170795-BSD1	B170795-BSD1	Phenanthrene	85.5			Y	4
B170795-BSD1	B170795-BSD1	Phenanthrene-D10	40			Y	4
B170795-BSD1	B170795-BSD1	Phenol	37.8			Y	4
B170795-BSD1	B170795-BSD1	Phenol-D6	41.4			Y	4
B170795-BSD1	B170795-BSD1	Pyrene	82.8			Y	4
B170795-BSD1	B170795-BSD1	Pyridine	46			Y	4
B170795-BSD1	B170795-BSD1	Terphenyl-D14	96.1			Y	4
B170805-BLK1	B170805-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,2-Dichlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,2-Diphenylhydrazine		U		Y	4
B170805-BLK1	B170805-BLK1	1,3-Dichlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,4-Dichlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	1,4-Dichlorobenzene-D4	1.3			Y	4
B170805-BLK1	B170805-BLK1	1-Methylnaphthalene		U		Y	4
B170805-BLK1	B170805-BLK1	2,4,5-Trichlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4,6-Tribromophenol	78.7			Y	4
B170805-BLK1	B170805-BLK1	2,4,6-Trichlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4-Dichlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4-Dimethylphenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4-Dinitrophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2,4-Dinitrotoluene		U		Y	4
B170805-BLK1	B170805-BLK1	2,6-Dinitrotoluene		U		Y	4
B170805-BLK1	B170805-BLK1	2-Chloronaphthalene		U		Y	4
B170805-BLK1	B170805-BLK1	2-Chlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	2-Fluorobiphenyl	78.4			Y	4
B170805-BLK1	B170805-BLK1	2-Fluorophenol	74.3			Y	4
B170805-BLK1	B170805-BLK1	2-Methylnaphthalene		U		Y	4
B170805-BLK1	B170805-BLK1	2-Methylphenol (O-Cresol)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170805-BLK1	B170805-BLK1	2-Nitroaniline		U		Y	4
B170805-BLK1	B170805-BLK1	2-Nitrophenol		U		Y	4
B170805-BLK1	B170805-BLK1	3- And 4- Methylphenol (Total)		U		Y	4
B170805-BLK1	B170805-BLK1	3,3'-Dichlorobenzidine		U		Y	4
B170805-BLK1	B170805-BLK1	3-Nitroaniline		U		Y	4
B170805-BLK1	B170805-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	4
B170805-BLK1	B170805-BLK1	4-Bromophenyl Phenyl Ether		U		Y	4
B170805-BLK1	B170805-BLK1	4-Chloro-3-Methylphenol		U		Y	4
B170805-BLK1	B170805-BLK1	4-Chloroaniline		U		Y	4
B170805-BLK1	B170805-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	4
B170805-BLK1	B170805-BLK1	4-Nitroaniline		U		Y	4
B170805-BLK1	B170805-BLK1	4-Nitrophenol		U		Y	4
B170805-BLK1	B170805-BLK1	Acenaphthene		U		Y	4
B170805-BLK1	B170805-BLK1	Acenaphthene-D10	1.3			Y	4
B170805-BLK1	B170805-BLK1	Acenaphthylene		U		Y	4
B170805-BLK1	B170805-BLK1	Acetophenone		U		Y	4
B170805-BLK1	B170805-BLK1	Aniline		U		Y	4
B170805-BLK1	B170805-BLK1	Anthracene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzidine		U	UU	Y	4
B170805-BLK1	B170805-BLK1	Benzo(A)Anthracene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzo(A)Pyrene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzo(B)Fluoranthene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzo(G,H,I)Perylene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzo(K)Fluoranthene		U		Y	4
B170805-BLK1	B170805-BLK1	Benzoic Acid		U		Y	4
B170805-BLK1	B170805-BLK1	Benzyl Butyl Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	4
B170805-BLK1	B170805-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
B170805-BLK1	B170805-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	4
B170805-BLK1	B170805-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Carbazole		U		Y	4
B170805-BLK1	B170805-BLK1	Chrysene		U		Y	4
B170805-BLK1	B170805-BLK1	Chrysene-D12	1.3			Y	4
B170805-BLK1	B170805-BLK1	Dibenz(A,H)Anthracene		U		Y	4
B170805-BLK1	B170805-BLK1	Dibenzofuran		U		Y	4
B170805-BLK1	B170805-BLK1	Diethyl Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Dimethyl Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Di-N-Butyl Phthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Di-N-Octylphthalate		U		Y	4
B170805-BLK1	B170805-BLK1	Fluoranthene		U		Y	4
B170805-BLK1	B170805-BLK1	Fluorene		U		Y	4
B170805-BLK1	B170805-BLK1	Hexachlorobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	Hexachlorobutadiene		U		Y	4
B170805-BLK1	B170805-BLK1	Hexachlorocyclopentadiene		U		Y	4
B170805-BLK1	B170805-BLK1	Hexachloroethane		U		Y	4
B170805-BLK1	B170805-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	4
B170805-BLK1	B170805-BLK1	Isophorone		U		Y	4
B170805-BLK1	B170805-BLK1	Naphthalene		U		Y	4
B170805-BLK1	B170805-BLK1	Naphthalene-D8	1.3			Y	4
B170805-BLK1	B170805-BLK1	Nitrobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	Nitrobenzene-D5	68.5			Y	4
B170805-BLK1	B170805-BLK1	N-Nitrosodimethylamine		U		Y	4
B170805-BLK1	B170805-BLK1	N-Nitrosodi-N-Propylamine		U		Y	4
B170805-BLK1	B170805-BLK1	N-Nitrosodiphenylamine		U		Y	4
B170805-BLK1	B170805-BLK1	Pentachloronitrobenzene		U		Y	4
B170805-BLK1	B170805-BLK1	Pentachlorophenol		U		Y	4
B170805-BLK1	B170805-BLK1	Perylene-D12	1.3			Y	4
B170805-BLK1	B170805-BLK1	Phenanthrene		U		Y	4
B170805-BLK1	B170805-BLK1	Phenanthrene-D10	1.3			Y	4
B170805-BLK1	B170805-BLK1	Phenol		U		Y	4
B170805-BLK1	B170805-BLK1	Phenol-D6	73.8			Y	4
B170805-BLK1	B170805-BLK1	Pyrene		U		Y	4
B170805-BLK1	B170805-BLK1	Pyridine		U		Y	4
B170805-BLK1	B170805-BLK1	Terphenyl-D14	90			Y	4
B170805-BS1	B170805-BS1	1,2,4,5-Tetrachlorobenzene	1.23			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170805-BS1	B170805-BS1	1,2,4-Trichlorobenzene	1.17			Y	4
B170805-BS1	B170805-BS1	1,2-Dichlorobenzene	1.09			Y	4
B170805-BS1	B170805-BS1	1,2-Diphenylhydrazine	1.27			Y	4
B170805-BS1	B170805-BS1	1,3-Dichlorobenzene	1.06			Y	4
B170805-BS1	B170805-BS1	1,4-Dichlorobenzene	1.05			Y	4
B170805-BS1	B170805-BS1	1,4-Dichlorobenzene-D4	1.33			Y	4
B170805-BS1	B170805-BS1	1-Methylnaphthalene	1.16			Y	4
B170805-BS1	B170805-BS1	2,4,5-Trichlorophenol	1.22			Y	4
B170805-BS1	B170805-BS1	2,4,6-Tribromophenol	87.1			Y	4
B170805-BS1	B170805-BS1	2,4,6-Trichlorophenol	1.27			Y	4
B170805-BS1	B170805-BS1	2,4-Dichlorophenol	1.24			Y	4
B170805-BS1	B170805-BS1	2,4-Dimethylphenol	1.13			Y	4
B170805-BS1	B170805-BS1	2,4-Dinitrophenol	0.854			Y	4
B170805-BS1	B170805-BS1	2,4-Dinitrotoluene	1.22			Y	4
B170805-BS1	B170805-BS1	2,6-Dinitrotoluene	1.29			Y	4
B170805-BS1	B170805-BS1	2-Chloronaphthalene	1.16			Y	4
B170805-BS1	B170805-BS1	2-Chlorophenol	1.14			Y	4
B170805-BS1	B170805-BS1	2-Fluorobiphenyl	80.2			Y	4
B170805-BS1	B170805-BS1	2-Fluorophenol	76.3			Y	4
B170805-BS1	B170805-BS1	2-Methylnaphthalene	1.25			Y	4
B170805-BS1	B170805-BS1	2-Methylphenol (O-Cresol)	1.11			Y	4
B170805-BS1	B170805-BS1	2-Nitroaniline	1.1			Y	4
B170805-BS1	B170805-BS1	2-Nitrophenol	1.14			Y	4
B170805-BS1	B170805-BS1	3- And 4- Methylphenol (Total)	1.22			Y	4
B170805-BS1	B170805-BS1	3,3'-Dichlorobenzidine	0.891			Y	4
B170805-BS1	B170805-BS1	3-Nitroaniline	1.08			Y	4
B170805-BS1	B170805-BS1	4,6-Dinitro-2-Methylphenol	1.1			Y	4
B170805-BS1	B170805-BS1	4-Bromophenyl Phenyl Ether	1.33			Y	4
B170805-BS1	B170805-BS1	4-Chloro-3-Methylphenol	1.18			Y	4
B170805-BS1	B170805-BS1	4-Chloroaniline	0.723			Y	4
B170805-BS1	B170805-BS1	4-Chlorophenyl Phenyl Ether	1.29			Y	4
B170805-BS1	B170805-BS1	4-Nitroaniline	1.18			Y	4
B170805-BS1	B170805-BS1	4-Nitrophenol	1			Y	4
B170805-BS1	B170805-BS1	Acenaphthene	1.22			Y	4
B170805-BS1	B170805-BS1	Acenaphthene-D10	1.33			Y	4
B170805-BS1	B170805-BS1	Acenaphthylene	1.2			Y	4
B170805-BS1	B170805-BS1	Acetophenone	1.13			Y	4
B170805-BS1	B170805-BS1	Aniline	0.845			Y	4
B170805-BS1	B170805-BS1	Anthracene	1.29			Y	4
B170805-BS1	B170805-BS1	Benzidine		U	UJ	Y	4
B170805-BS1	B170805-BS1	Benzo(A)Anthracene	1.29			Y	4
B170805-BS1	B170805-BS1	Benzo(A)Pyrene	1.27			Y	4
B170805-BS1	B170805-BS1	Benzo(B)Fluoranthene	1.22			Y	4
B170805-BS1	B170805-BS1	Benzo(G,H,I)Perylene	1.57			Y	4
B170805-BS1	B170805-BS1	Benzo(K)Fluoranthene	1.27			Y	4
B170805-BS1	B170805-BS1	Benzoic Acid	1.03			Y	4
B170805-BS1	B170805-BS1	Benzyl Butyl Phthalate	1.26			Y	4
B170805-BS1	B170805-BS1	Bis(2-Chloroethoxy) Methane	1.22			Y	4
B170805-BS1	B170805-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.16			Y	4
B170805-BS1	B170805-BS1	Bis(2-Chloroisopropyl) Ether	1.06			Y	4
B170805-BS1	B170805-BS1	Bis(2-Ethylhexyl) Phthalate	1.17			Y	4
B170805-BS1	B170805-BS1	Carbazole	1.25			Y	4
B170805-BS1	B170805-BS1	Chrysene	1.26			Y	4
B170805-BS1	B170805-BS1	Chrysene-D12	1.33			Y	4
B170805-BS1	B170805-BS1	Dibenz(A,H)Anthracene	1.46			Y	4
B170805-BS1	B170805-BS1	Dibenzofuran	1.28			Y	4
B170805-BS1	B170805-BS1	Diethyl Phthalate	1.23			Y	4
B170805-BS1	B170805-BS1	Dimethyl Phthalate	1.25			Y	4
B170805-BS1	B170805-BS1	Di-N-Butyl Phthalate	1.25			Y	4
B170805-BS1	B170805-BS1	Di-N-Octylphthalate	1.07			Y	4
B170805-BS1	B170805-BS1	Fluoranthene	1.28			Y	4
B170805-BS1	B170805-BS1	Fluorene	1.24			Y	4
B170805-BS1	B170805-BS1	Hexachlorobenzene	1.31			Y	4
B170805-BS1	B170805-BS1	Hexachlorobutadiene	1.18			Y	4
B170805-BS1	B170805-BS1	Hexachlorocyclopentadiene	1.05			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170805-BS1	B170805-BS1	Hexachloroethane	1.03			Y	4
B170805-BS1	B170805-BS1	Indeno(1,2,3-C,D)Pyrene	1.43			Y	4
B170805-BS1	B170805-BS1	Isophorone	1.16			Y	4
B170805-BS1	B170805-BS1	Naphthalene	1.14			Y	4
B170805-BS1	B170805-BS1	Naphthalene-D8	1.33			Y	4
B170805-BS1	B170805-BS1	Nitrobenzene	1.12			Y	4
B170805-BS1	B170805-BS1	Nitrobenzene-D5	70.9			Y	4
B170805-BS1	B170805-BS1	N-Nitrosodimethylamine	1.03			Y	4
B170805-BS1	B170805-BS1	N-Nitrosodi-N-Propylamine	1.13			Y	4
B170805-BS1	B170805-BS1	N-Nitrosodiphenylamine	1.78			Y	4
B170805-BS1	B170805-BS1	Pentachloronitrobenzene	1.32			Y	4
B170805-BS1	B170805-BS1	Pentachlorophenol	1.07			Y	4
B170805-BS1	B170805-BS1	Perylene-D12	1.33			Y	4
B170805-BS1	B170805-BS1	Phenanthrene	1.28			Y	4
B170805-BS1	B170805-BS1	Phenanthrene-D10	1.33			Y	4
B170805-BS1	B170805-BS1	Phenol	1.13			Y	4
B170805-BS1	B170805-BS1	Phenol-D6	74.4			Y	4
B170805-BS1	B170805-BS1	Pyrene	1.33			Y	4
B170805-BS1	B170805-BS1	Pyridine	0.898			Y	4
B170805-BS1	B170805-BS1	Terphenyl-D14	87.4			Y	4
B170805-BSD1	B170805-BSD1	1,2,4,5-Tetrachlorobenzene	1.39			Y	4
B170805-BSD1	B170805-BSD1	1,2,4-Trichlorobenzene	1.32			Y	4
B170805-BSD1	B170805-BSD1	1,2-Dichlorobenzene	1.23			Y	4
B170805-BSD1	B170805-BSD1	1,2-Diphenylhydrazine	1.51			Y	4
B170805-BSD1	B170805-BSD1	1,3-Dichlorobenzene	1.18			Y	4
B170805-BSD1	B170805-BSD1	1,4-Dichlorobenzene	1.19			Y	4
B170805-BSD1	B170805-BSD1	1,4-Dichlorobenzene-D4	1.33			Y	4
B170805-BSD1	B170805-BSD1	1-Methylnaphthalene	1.31			Y	4
B170805-BSD1	B170805-BSD1	2,4,5-Trichlorophenol	1.39			Y	4
B170805-BSD1	B170805-BSD1	2,4,6-Tribromophenol	96.4			Y	4
B170805-BSD1	B170805-BSD1	2,4,6-Trichlorophenol	1.42			Y	4
B170805-BSD1	B170805-BSD1	2,4-Dichlorophenol	1.38			Y	4
B170805-BSD1	B170805-BSD1	2,4-Dimethylphenol	1.3			Y	4
B170805-BSD1	B170805-BSD1	2,4-Dinitrophenol	0.989			Y	4
B170805-BSD1	B170805-BSD1	2,4-Dinitrotoluene	1.44			Y	4
B170805-BSD1	B170805-BSD1	2,6-Dinitrotoluene	1.49			Y	4
B170805-BSD1	B170805-BSD1	2-Chloronaphthalene	1.3			Y	4
B170805-BSD1	B170805-BSD1	2-Chlorophenol	1.3			Y	4
B170805-BSD1	B170805-BSD1	2-Fluorobiphenyl	88.1			Y	4
B170805-BSD1	B170805-BSD1	2-Fluorophenol	84.7			Y	4
B170805-BSD1	B170805-BSD1	2-Methylnaphthalene	1.39			Y	4
B170805-BSD1	B170805-BSD1	2-Methylphenol (O-Cresol)	1.25			Y	4
B170805-BSD1	B170805-BSD1	2-Nitroaniline	1.32			Y	4
B170805-BSD1	B170805-BSD1	2-Nitrophenol	1.29			Y	4
B170805-BSD1	B170805-BSD1	3- And 4- Methylphenol (Total)	1.41			Y	4
B170805-BSD1	B170805-BSD1	3,3'-Dichlorobenzidine	1.11			Y	4
B170805-BSD1	B170805-BSD1	3-Nitroaniline	1.29			Y	4
B170805-BSD1	B170805-BSD1	4,6-Dinitro-2-Methylphenol	1.28			Y	4
B170805-BSD1	B170805-BSD1	4-Bromophenyl Phenyl Ether	1.51			Y	4
B170805-BSD1	B170805-BSD1	4-Chloro-3-Methylphenol	1.36			Y	4
B170805-BSD1	B170805-BSD1	4-Chloroaniline	0.901			Y	4
B170805-BSD1	B170805-BSD1	4-Chlorophenyl Phenyl Ether	1.45			Y	4
B170805-BSD1	B170805-BSD1	4-Nitroaniline	1.36			Y	4
B170805-BSD1	B170805-BSD1	4-Nitrophenol	1.16			Y	4
B170805-BSD1	B170805-BSD1	Acenaphthene	1.38			Y	4
B170805-BSD1	B170805-BSD1	Acenaphthene-D10	1.33			Y	4
B170805-BSD1	B170805-BSD1	Acenaphthylene	1.35			Y	4
B170805-BSD1	B170805-BSD1	Acetophenone	1.3			Y	4
B170805-BSD1	B170805-BSD1	Aniline	1.07			Y	4
B170805-BSD1	B170805-BSD1	Anthracene	1.48			Y	4
B170805-BSD1	B170805-BSD1	Benzidine	0.852		J	Y	4
B170805-BSD1	B170805-BSD1	Benzo(A)Anthracene	1.49			Y	4
B170805-BSD1	B170805-BSD1	Benzo(A)Pyrene	1.46			Y	4
B170805-BSD1	B170805-BSD1	Benzo(B)Fluoranthene	1.4			Y	4
B170805-BSD1	B170805-BSD1	Benzo(G,H,I)Perylene	1.81			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170805-BSD1	B170805-BSD1	Benzo(K)Fluoranthene	1.46			Y	4
B170805-BSD1	B170805-BSD1	Benzoic Acid	1.22			Y	4
B170805-BSD1	B170805-BSD1	Benzyl Butyl Phthalate	1.5			Y	4
B170805-BSD1	B170805-BSD1	Bis(2-Chloroethoxy) Methane	1.4			Y	4
B170805-BSD1	B170805-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.35			Y	4
B170805-BSD1	B170805-BSD1	Bis(2-Chloroisopropyl) Ether	1.24			Y	4
B170805-BSD1	B170805-BSD1	Bis(2-Ethylhexyl) Phthalate	1.39			Y	4
B170805-BSD1	B170805-BSD1	Carbazole	1.44			Y	4
B170805-BSD1	B170805-BSD1	Chrysene	1.45			Y	4
B170805-BSD1	B170805-BSD1	Chrysene-D12	1.33			Y	4
B170805-BSD1	B170805-BSD1	Dibenz(A,H)Anthracene	1.7			Y	4
B170805-BSD1	B170805-BSD1	Dibenzofuran	1.45			Y	4
B170805-BSD1	B170805-BSD1	Diethyl Phthalate	1.44			Y	4
B170805-BSD1	B170805-BSD1	Dimethyl Phthalate	1.44			Y	4
B170805-BSD1	B170805-BSD1	Di-N-Butyl Phthalate	1.45			Y	4
B170805-BSD1	B170805-BSD1	Di-N-Octylphthalate	1.25			Y	4
B170805-BSD1	B170805-BSD1	Fluoranthene	1.47			Y	4
B170805-BSD1	B170805-BSD1	Fluorene	1.42			Y	4
B170805-BSD1	B170805-BSD1	Hexachlorobenzene	1.47			Y	4
B170805-BSD1	B170805-BSD1	Hexachlorobutadiene	1.31			Y	4
B170805-BSD1	B170805-BSD1	Hexachlorocyclopentadiene	1.16			Y	4
B170805-BSD1	B170805-BSD1	Hexachloroethane	1.17			Y	4
B170805-BSD1	B170805-BSD1	Indeno(1,2,3-C,D)Pyrene	1.61			Y	4
B170805-BSD1	B170805-BSD1	Isophorone	1.35			Y	4
B170805-BSD1	B170805-BSD1	Naphthalene	1.29			Y	4
B170805-BSD1	B170805-BSD1	Naphthalene-D8	1.33			Y	4
B170805-BSD1	B170805-BSD1	Nitrobenzene	1.29			Y	4
B170805-BSD1	B170805-BSD1	Nitrobenzene-D5	80.1			Y	4
B170805-BSD1	B170805-BSD1	N-Nitrosodimethylamine	1.2			Y	4
B170805-BSD1	B170805-BSD1	N-Nitrosodi-N-Propylamine	1.3			Y	4
B170805-BSD1	B170805-BSD1	N-Nitrosodiphenylamine	2.05			Y	4
B170805-BSD1	B170805-BSD1	Pentachloronitrobenzene	1.46			Y	4
B170805-BSD1	B170805-BSD1	Pentachlorophenol	1.2			Y	4
B170805-BSD1	B170805-BSD1	Perylene-D12	1.33			Y	4
B170805-BSD1	B170805-BSD1	Phenanthrene	1.47			Y	4
B170805-BSD1	B170805-BSD1	Phenanthrene-D10	1.33			Y	4
B170805-BSD1	B170805-BSD1	Phenol	1.32			Y	4
B170805-BSD1	B170805-BSD1	Phenol-D6	85.1			Y	4
B170805-BSD1	B170805-BSD1	Pyrene	1.56			Y	4
B170805-BSD1	B170805-BSD1	Pyridine	1.03			Y	4
B170805-BSD1	B170805-BSD1	Terphenyl-D14	97.7			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,2,4,5-Tetrachlorobenzene	1.15	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,2,4-Trichlorobenzene	1.08	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,2-Dichlorobenzene	1.01	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,2-Diphenylhydrazine	1.28	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,3-Dichlorobenzene	0.953	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,4-Dichlorobenzene	0.975	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1,4-Dichlorobenzene-D4	1.61			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	1-Methylnaphthalene	1.38	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4,5-Trichlorophenol	1.02	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4,6-Tribromophenol	35.7			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4,6-Trichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4-Dichlorophenol	1.04	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4-Dimethylphenol	1.18	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4-Dinitrophenol		U	R	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,4-Dinitrotoluene		U		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2,6-Dinitrotoluene		U	UJ	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Chloronaphthalene	1.06	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Chlorophenol	1.05	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Fluorobiphenyl	65.4			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Fluorophenol	55.6			Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Methylnaphthalene	1.7	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Methylphenol (O-Cresol)	1.07	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Nitroaniline	1.19	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MS1	2-Nitrophenol		U	UJ	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'M: B170805-MS1		3- And 4- Methylphenol (Total)	1.26	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		3,3'-Dichlorobenzidine	1.09	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		3-Nitroaniline	0.893	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4,6-Dinitro-2-Methylphenol		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Bromophenyl Phenyl Ether	1.07	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Chloro-3-Methylphenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Chloroaniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Chlorophenyl Phenyl Ether	1.07	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Nitroaniline	1.41	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		4-Nitrophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Acenaphthene	1.97	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Acenaphthene-D10	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Acenaphthylene	1.09	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Acetophenone	1.17	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Aniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Anthracene	2.44	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzidine		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(A)Anthracene	2.36	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(A)Pyrene	3.02	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(B)Fluoranthene	3.47	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(G,H,I)Perylene	2.79	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzo(K)Fluoranthene	2.25	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzoic Acid		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Benzyl Butyl Phthalate	1.37	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Bis(2-Chloroethoxy) Methane	1.2	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.12	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Bis(2-Chloroisopropyl) Ether	1.13	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Bis(2-Ethylhexyl) Phthalate	1.71	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Carbazole	2.09	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Chrysene	3.61	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Chrysene-D12	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Dibenz(A,H)Anthracene	1.69	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Dibenzofuran	1.74	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Diethyl Phthalate	1.2	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Dimethyl Phthalate	1.26	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Di-N-Butyl Phthalate	1.36	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Di-N-Octylphthalate	1.4	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Fluoranthene	7.67	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Fluorene	1.93	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Hexachlorobenzene	0.981	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Hexachlorobutadiene	1.02	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Hexachlorocyclopentadiene		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Hexachloroethane		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Indeno(1,2,3-C,D)Pyrene	2.58	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Isophorone	1.17	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Naphthalene	2.48	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Naphthalene-D8	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Nitrobenzene		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Nitrobenzene-D5	33.2			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		N-Nitrosodimethylamine	1.01	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		N-Nitrosodi-N-Propylamine	1.17	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		N-Nitrosodiphenylamine	2.12	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Pentachloronitrobenzene		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Pentachlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Perylene-D12	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Phenanthrene	6.77	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Phenanthrene-D10	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Phenol	1.22	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Phenol-D6	60.9			Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Pyrene	7.18	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Pyridine		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MS1		Terphenyl-D14	79.5			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,2,4,5-Tetrachlorobenzene	1.65	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,2,4-Trichlorobenzene	1.36	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,2-Dichlorobenzene	1.02	D		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,2-Diphenylhydrazine	1.07	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,3-Dichlorobenzene	0.995	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,4-Dichlorobenzene	0.993	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1,4-Dichlorobenzene-D4	1.61			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		1-Methylnaphthalene	1.39	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4,5-Trichlorophenol	0.826	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4,6-Tribromophenol	30.6			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4,6-Trichlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4-Dichlorophenol	0.836	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4-Dimethylphenol	0.905	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4-Dinitrophenol		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,4-Dinitrotoluene		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2,6-Dinitrotoluene		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Chloronaphthalene	1.22	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Chlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Fluorobiphenyl	65.7			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Fluorophenol	37.6			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Methylnaphthalene	1.6	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Methylphenol (O-Cresol)		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Nitroaniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		2-Nitrophenol		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		3- And 4- Methylphenol (Total)	0.89	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		3,3'-Dichlorobenzidine	0.824	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		3-Nitroaniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4,6-Dinitro-2-Methylphenol		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Bromophenyl Phenyl Ether	1.18	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Chloro-3-Methylphenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Chloroaniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Chlorophenyl Phenyl Ether	1.24	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Nitroaniline	0.977	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		4-Nitrophenol		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Acenaphthene	1.4	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Acenaphthene-D10	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Acenaphthylene	1.05	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Acetophenone	0.935	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Aniline		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Anthracene	1.6	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzidine		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(A)Anthracene	2.36	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(A)Pyrene	2.25	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(B)Fluoranthene	2.47	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(G,H,I)Perylene	2.89	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzo(K)Fluoranthene	1.83	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzoic Acid		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Benzyl Butyl Phthalate		U		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Bis(2-Chloroethoxy) Methane	0.954	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	0.849	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Bis(2-Chloroisopropyl) Ether	0.913	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Bis(2-Ethylhexyl) Phthalate	1.74	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Carbazole	1.17	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Chrysene	2.57	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Chrysene-D12	3.22			Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Dibenz(A,H)Anthracene	1.91	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Dibenzofuran	1.35	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Diethyl Phthalate	0.961	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Dimethyl Phthalate	0.941	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Di-N-Butyl Phthalate	1.18	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Di-N-Octylphthalate	1.43	D	JH	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Fluoranthene	3.81	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Fluorene	1.51	D		Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Hexachlorobenzene	1.69	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Hexachlorobutadiene	1.41	D	J	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Hexachlorocyclopentadiene		U	R	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Hexachloroethane		U	UJ	Y	4
LW-01-COMP2-4-10.2'M: B170805-MSD1		Indeno(1,2,3-C,D)Pyrene	2.59	D	JH	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'M	B170805-MSD1	Isophorone	0.955	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Naphthalene	1.41	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Naphthalene-D8	3.22			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Nitrobenzene		U	UJ	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Nitrobenzene-D5	23.7			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	N-Nitrosodimethylamine		U	UJ	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	N-Nitrosodi-N-Propylamine	0.939	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	N-Nitrosodiphenylamine	1.78	D		Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Pentachloronitrobenzene		U	R	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Pentachlorophenol		U		Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Perylene-D12	3.22			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Phenanthrene	3.05	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Phenanthrene-D10	3.22			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Phenol	0.855	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Phenol-D6	42.3			Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Pyrene	3.89	D	J	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Pyridine		U	UJ	Y	4
LW-01-COMP2-4-10.2'M	B170805-MSD1	Terphenyl-D14	87.3			Y	4
LW-01-COMP2-4-10.2'DL	B170823-DUP3	Solids, Percent	84.9			Y	4
B170824-BLK1	B170824-BLK1	1,1,1,2-Tetrachloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1,1-Trichloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1,2,2-Tetrachloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1,2-Trichloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1-Dichloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,1-Dichloroethene		U		Y	4
B170824-BLK1	B170824-BLK1	1,1-Dichloropropene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2,3-Trichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2,3-Trichloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2,4-Trimethylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dichloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	1,2-Dichloroethane-D4	114			Y	4
B170824-BLK1	B170824-BLK1	1,2-Dichloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	1,3,5-Trichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
B170824-BLK1	B170824-BLK1	1,3-Dichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,3-Dichloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	1,4-Dichlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	1,4-Dichlorobenzene-D4	30			Y	4
B170824-BLK1	B170824-BLK1	1,4-Difluorobenzene	30			Y	4
B170824-BLK1	B170824-BLK1	1,4-Dioxane (P-Dioxane)		U		Y	4
B170824-BLK1	B170824-BLK1	2,2-Dichloropropane		U		Y	4
B170824-BLK1	B170824-BLK1	2-Chlorotoluene		U		Y	4
B170824-BLK1	B170824-BLK1	2-Hexanone		U		Y	4
B170824-BLK1	B170824-BLK1	2-Methoxy-2-Methylbutane		U		Y	4
B170824-BLK1	B170824-BLK1	4-Chlorotoluene		U		Y	4
B170824-BLK1	B170824-BLK1	Acetone		U		Y	4
B170824-BLK1	B170824-BLK1	Acrylonitrile		U		Y	4
B170824-BLK1	B170824-BLK1	Benzene		U		Y	4
B170824-BLK1	B170824-BLK1	Bromobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Bromochloromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Bromodichloromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Bromoform		U		Y	4
B170824-BLK1	B170824-BLK1	Bromomethane		U		Y	4
B170824-BLK1	B170824-BLK1	Carbon Disulfide		U		Y	4
B170824-BLK1	B170824-BLK1	Carbon Tetrachloride		U		Y	4
B170824-BLK1	B170824-BLK1	Chlorobenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Chlorobenzene-D5	30			Y	4
B170824-BLK1	B170824-BLK1	Chloroethane		U		Y	4
B170824-BLK1	B170824-BLK1	Chloroform		U		Y	4
B170824-BLK1	B170824-BLK1	Chloromethane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170824-BLK1	B170824-BLK1	Cis-1,2-Dichloroethylene		U		Y	4
B170824-BLK1	B170824-BLK1	Cis-1,3-Dichloropropene		U		Y	4
B170824-BLK1	B170824-BLK1	Cyclohexane		U		Y	4
B170824-BLK1	B170824-BLK1	Cymene		U		Y	4
B170824-BLK1	B170824-BLK1	Dibromochloromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Dibromomethane		U		Y	4
B170824-BLK1	B170824-BLK1	Dichlorodifluoromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170824-BLK1	B170824-BLK1	Ethyl Tert-Butyl Ether		U		Y	4
B170824-BLK1	B170824-BLK1	Ethylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Hexachlorobutadiene		U		Y	4
B170824-BLK1	B170824-BLK1	Isopropyl Ether		U		Y	4
B170824-BLK1	B170824-BLK1	Isopropylbenzene (Cumene)		U		Y	4
B170824-BLK1	B170824-BLK1	m,p-Xylene		U		Y	4
B170824-BLK1	B170824-BLK1	Methyl Acetate		U		Y	4
B170824-BLK1	B170824-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B170824-BLK1	B170824-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
B170824-BLK1	B170824-BLK1	Methylcyclohexane		U		Y	4
B170824-BLK1	B170824-BLK1	Methylene Chloride		U		Y	4
B170824-BLK1	B170824-BLK1	Naphthalene		U		Y	4
B170824-BLK1	B170824-BLK1	N-Butylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	N-Propylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B170824-BLK1	B170824-BLK1	p-Bromofluorobenzene	97.3			Y	4
B170824-BLK1	B170824-BLK1	Pentafluorobenzene	30			Y	4
B170824-BLK1	B170824-BLK1	Sec-Butylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Styrene		U		Y	4
B170824-BLK1	B170824-BLK1	T-Butylbenzene		U		Y	4
B170824-BLK1	B170824-BLK1	Tert-Butyl Alcohol		U		Y	4
B170824-BLK1	B170824-BLK1	Tert-Butyl Methyl Ether		U		Y	4
B170824-BLK1	B170824-BLK1	Tetrachloroethylene (PCE)		U		Y	4
B170824-BLK1	B170824-BLK1	Tetrahydrofuran		U		Y	4
B170824-BLK1	B170824-BLK1	Toluene		U		Y	4
B170824-BLK1	B170824-BLK1	Toluene-D8	105			Y	4
B170824-BLK1	B170824-BLK1	Trans-1,2-Dichloroethene		U		Y	4
B170824-BLK1	B170824-BLK1	Trans-1,3-Dichloropropene		U		Y	4
B170824-BLK1	B170824-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	4
B170824-BLK1	B170824-BLK1	Trichloroethylene (TCE)		U		Y	4
B170824-BLK1	B170824-BLK1	Trichlorofluoromethane		U		Y	4
B170824-BLK1	B170824-BLK1	Vinyl Chloride		U		Y	4
B170824-BS1	B170824-BS1	1,1,1,2-Tetrachloroethane	0.0108	D		Y	4
B170824-BS1	B170824-BS1	1,1,1-Trichloroethane	0.0131	D		Y	4
B170824-BS1	B170824-BS1	1,1,2,2-Tetrachloroethane	0.0115	D		Y	4
B170824-BS1	B170824-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.013	D		Y	4
B170824-BS1	B170824-BS1	1,1,2-Trichloroethane	0.0131	D		Y	4
B170824-BS1	B170824-BS1	1,1-Dichloroethane	0.0137	D		Y	4
B170824-BS1	B170824-BS1	1,1-Dichloroethene	0.0129	D		Y	4
B170824-BS1	B170824-BS1	1,1-Dichloropropene	0.0139	D		Y	4
B170824-BS1	B170824-BS1	1,2,3-Trichlorobenzene	0.0107	D		Y	4
B170824-BS1	B170824-BS1	1,2,3-Trichloropropane	0.0108	D		Y	4
B170824-BS1	B170824-BS1	1,2,4-Trichlorobenzene	0.0112	D		Y	4
B170824-BS1	B170824-BS1	1,2,4-Trimethylbenzene	0.0115	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dibromo-3-Chloropropane	0.0122	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.013	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dichlorobenzene	0.0117	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dichloroethane	0.0132	D		Y	4
B170824-BS1	B170824-BS1	1,2-Dichloroethane-D4	111			Y	4
B170824-BS1	B170824-BS1	1,2-Dichloropropane	0.0124	D		Y	4
B170824-BS1	B170824-BS1	1,3,5-Trichlorobenzene	0.0118	D		Y	4
B170824-BS1	B170824-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.011	D		Y	4
B170824-BS1	B170824-BS1	1,3-Dichlorobenzene	0.012	D		Y	4
B170824-BS1	B170824-BS1	1,3-Dichloropropane	0.0125	D		Y	4
B170824-BS1	B170824-BS1	1,4-Dichlorobenzene	0.0116	D		Y	4
B170824-BS1	B170824-BS1	1,4-Dichlorobenzene-D4	30			Y	4
B170824-BS1	B170824-BS1	1,4-Difluorobenzene	30			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170824-BS1	B170824-BS1	1,4-Dioxane (P-Dioxane)	0.114	D		Y	4
B170824-BS1	B170824-BS1	2,2-Dichloropropane	0.0101	D		Y	4
B170824-BS1	B170824-BS1	2-Chlorotoluene	0.0118	D		Y	4
B170824-BS1	B170824-BS1	2-Hexanone	0.123	D		Y	4
B170824-BS1	B170824-BS1	2-Methoxy-2-Methylbutane	0.012	D		Y	4
B170824-BS1	B170824-BS1	4-Chlorotoluene	0.0115	D		Y	4
B170824-BS1	B170824-BS1	Acetone	0.124	D		Y	4
B170824-BS1	B170824-BS1	Acrylonitrile	0.0137	D		Y	4
B170824-BS1	B170824-BS1	Benzene	0.0136	D		Y	4
B170824-BS1	B170824-BS1	Bromobenzene	0.0115	D		Y	4
B170824-BS1	B170824-BS1	Bromochloromethane	0.0144	D		Y	4
B170824-BS1	B170824-BS1	Bromodichloromethane	0.0136	D		Y	4
B170824-BS1	B170824-BS1	Bromoform	0.0113	D		Y	4
B170824-BS1	B170824-BS1	Bromomethane	0.00431	D		Y	4
B170824-BS1	B170824-BS1	Carbon Disulfide	0.0163	D		Y	4
B170824-BS1	B170824-BS1	Carbon Tetrachloride	0.0136	D		Y	4
B170824-BS1	B170824-BS1	Chlorobenzene	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Chlorobenzene-D5	30			Y	4
B170824-BS1	B170824-BS1	Chloroethane	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Chloroform	0.0138	D		Y	4
B170824-BS1	B170824-BS1	Chloromethane	0.00827	D		Y	4
B170824-BS1	B170824-BS1	Cis-1,2-Dichloroethylene	0.0126	D		Y	4
B170824-BS1	B170824-BS1	Cis-1,3-Dichloropropene	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Cyclohexane	0.0148	D		Y	4
B170824-BS1	B170824-BS1	Cymene	0.0111	D		Y	4
B170824-BS1	B170824-BS1	Dibromochloromethane	0.0134	D		Y	4
B170824-BS1	B170824-BS1	Dibromomethane	0.0135	D		Y	4
B170824-BS1	B170824-BS1	Dichlorodifluoromethane	0.00828	D		Y	4
B170824-BS1	B170824-BS1	Diethyl Ether (Ethyl Ether)	0.0131	D		Y	4
B170824-BS1	B170824-BS1	Ethyl Tert-Butyl Ether	0.0125	D		Y	4
B170824-BS1	B170824-BS1	Ethylbenzene	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Hexachlorobutadiene	0.013	D		Y	4
B170824-BS1	B170824-BS1	Isopropyl Ether	0.0129	D		Y	4
B170824-BS1	B170824-BS1	Isopropylbenzene (Cumene)	0.0117	D		Y	4
B170824-BS1	B170824-BS1	m,p-Xylene	0.0231	D		Y	4
B170824-BS1	B170824-BS1	Methyl Acetate	0.0161	D		Y	4
B170824-BS1	B170824-BS1	Methyl Ethyl Ketone (2-Butanone)	0.126	D		Y	4
B170824-BS1	B170824-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.119	D		Y	4
B170824-BS1	B170824-BS1	Methylcyclohexane	0.0128	D		Y	4
B170824-BS1	B170824-BS1	Methylene Chloride	0.0146	D		Y	4
B170824-BS1	B170824-BS1	Naphthalene	0.0089	D		Y	4
B170824-BS1	B170824-BS1	N-Butylbenzene	0.012	D		Y	4
B170824-BS1	B170824-BS1	N-Propylbenzene	0.0116	D		Y	4
B170824-BS1	B170824-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0113	D		Y	4
B170824-BS1	B170824-BS1	p-Bromofluorobenzene	102			Y	4
B170824-BS1	B170824-BS1	Pentafluorobenzene	30			Y	4
B170824-BS1	B170824-BS1	Sec-Butylbenzene	0.0122	D		Y	4
B170824-BS1	B170824-BS1	Styrene	0.0112	D		Y	4
B170824-BS1	B170824-BS1	T-Butylbenzene	0.0114	D		Y	4
B170824-BS1	B170824-BS1	Tert-Butyl Alcohol	0.0814	D		Y	4
B170824-BS1	B170824-BS1	Tert-Butyl Methyl Ether	0.0123	D		Y	4
B170824-BS1	B170824-BS1	Tetrachloroethylene (PCE)	0.0133	D		Y	4
B170824-BS1	B170824-BS1	Tetrahydrofuran	0.0133	D		Y	4
B170824-BS1	B170824-BS1	Toluene	0.0131	D		Y	4
B170824-BS1	B170824-BS1	Toluene-D8	107			Y	4
B170824-BS1	B170824-BS1	Trans-1,2-Dichloroethene	0.0151	D		Y	4
B170824-BS1	B170824-BS1	Trans-1,3-Dichloropropene	0.0117	D		Y	4
B170824-BS1	B170824-BS1	Trans-1,4-Dichloro-2-Butene	0.00964	D		Y	4
B170824-BS1	B170824-BS1	Trichloroethylene (TCE)	0.0128	D		Y	4
B170824-BS1	B170824-BS1	Trichlorofluoromethane	0.0128	D		Y	4
B170824-BS1	B170824-BS1	Vinyl Chloride	0.0106	D		Y	4
B170824-BSD1	B170824-BSD1	1,1,1,2-Tetrachloroethane	0.0109	D		Y	4
B170824-BSD1	B170824-BSD1	1,1,1-Trichloroethane	0.0125	D		Y	4
B170824-BSD1	B170824-BSD1	1,1,2,2-Tetrachloroethane	0.0115	D		Y	4
B170824-BSD1	B170824-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0125	D		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170824-BSD1	B170824-BSD1	1,1,2-Trichloroethane	0.013	D		Y	4
B170824-BSD1	B170824-BSD1	1,1-Dichloroethane	0.0134	D		Y	4
B170824-BSD1	B170824-BSD1	1,1-Dichloroethene	0.0126	D		Y	4
B170824-BSD1	B170824-BSD1	1,1-Dichloropropene	0.0132	D		Y	4
B170824-BSD1	B170824-BSD1	1,2,3-Trichlorobenzene	0.0113	D		Y	4
B170824-BSD1	B170824-BSD1	1,2,3-Trichloropropane	0.0113	D		Y	4
B170824-BSD1	B170824-BSD1	1,2,4-Trichlorobenzene	0.0114	D		Y	4
B170824-BSD1	B170824-BSD1	1,2,4-Trimethylbenzene	0.0113	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dibromo-3-Chloropropane	0.0126	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.013	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dichlorobenzene	0.0114	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dichloroethane	0.0131	D		Y	4
B170824-BSD1	B170824-BSD1	1,2-Dichloroethane-D4	110			Y	4
B170824-BSD1	B170824-BSD1	1,2-Dichloropropane	0.0124	D		Y	4
B170824-BSD1	B170824-BSD1	1,3,5-Trichlorobenzene	0.012	D		Y	4
B170824-BSD1	B170824-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0106	D		Y	4
B170824-BSD1	B170824-BSD1	1,3-Dichlorobenzene	0.0115	D		Y	4
B170824-BSD1	B170824-BSD1	1,3-Dichloropropane	0.0125	D		Y	4
B170824-BSD1	B170824-BSD1	1,4-Dichlorobenzene	0.0113	D		Y	4
B170824-BSD1	B170824-BSD1	1,4-Dichlorobenzene-D4	30			Y	4
B170824-BSD1	B170824-BSD1	1,4-Difluorobenzene	30			Y	4
B170824-BSD1	B170824-BSD1	1,4-Dioxane (P-Dioxane)	0.118	D		Y	4
B170824-BSD1	B170824-BSD1	2,2-Dichloropropane	0.00959	D		Y	4
B170824-BSD1	B170824-BSD1	2-Chlorotoluene	0.0115	D		Y	4
B170824-BSD1	B170824-BSD1	2-Hexanone	0.128	D		Y	4
B170824-BSD1	B170824-BSD1	2-Methoxy-2-Methylbutane	0.0119	D		Y	4
B170824-BSD1	B170824-BSD1	4-Chlorotoluene	0.0114	D		Y	4
B170824-BSD1	B170824-BSD1	Acetone	0.13	D		Y	4
B170824-BSD1	B170824-BSD1	Acrylonitrile	0.0136	D		Y	4
B170824-BSD1	B170824-BSD1	Benzene	0.0132	D		Y	4
B170824-BSD1	B170824-BSD1	Bromobenzene	0.0112	D		Y	4
B170824-BSD1	B170824-BSD1	Bromochloromethane	0.0137	D		Y	4
B170824-BSD1	B170824-BSD1	Bromodichloromethane	0.0133	D		Y	4
B170824-BSD1	B170824-BSD1	Bromofom	0.0114	D		Y	4
B170824-BSD1	B170824-BSD1	Bromomethane	0.00482	D		Y	4
B170824-BSD1	B170824-BSD1	Carbon Disulfide	0.016	D		Y	4
B170824-BSD1	B170824-BSD1	Carbon Tetrachloride	0.0131	D		Y	4
B170824-BSD1	B170824-BSD1	Chlorobenzene	0.0111	D		Y	4
B170824-BSD1	B170824-BSD1	Chlorobenzene-D5	30			Y	4
B170824-BSD1	B170824-BSD1	Chloroethane	0.0109	D		Y	4
B170824-BSD1	B170824-BSD1	Chloroform	0.0133	D		Y	4
B170824-BSD1	B170824-BSD1	Chloromethane	0.00827	D		Y	4
B170824-BSD1	B170824-BSD1	Cis-1,2-Dichloroethylene	0.0121	D		Y	4
B170824-BSD1	B170824-BSD1	Cis-1,3-Dichloropropene	0.011	D		Y	4
B170824-BSD1	B170824-BSD1	Cyclohexane	0.0143	D		Y	4
B170824-BSD1	B170824-BSD1	Cymene	0.0108	D		Y	4
B170824-BSD1	B170824-BSD1	Dibromochloromethane	0.0132	D		Y	4
B170824-BSD1	B170824-BSD1	Dibromomethane	0.0136	D		Y	4
B170824-BSD1	B170824-BSD1	Dichlorodifluoromethane	0.00831	D		Y	4
B170824-BSD1	B170824-BSD1	Diethyl Ether (Ethyl Ether)	0.0133	D		Y	4
B170824-BSD1	B170824-BSD1	Ethyl Tert-Butyl Ether	0.0122	D		Y	4
B170824-BSD1	B170824-BSD1	Ethylbenzene	0.011	D		Y	4
B170824-BSD1	B170824-BSD1	Hexachlorobutadiene	0.0124	D		Y	4
B170824-BSD1	B170824-BSD1	Isopropyl Ether	0.0125	D		Y	4
B170824-BSD1	B170824-BSD1	Isopropylbenzene (Cumene)	0.0115	D		Y	4
B170824-BSD1	B170824-BSD1	m,p-Xylene	0.0225	D		Y	4
B170824-BSD1	B170824-BSD1	Methyl Acetate	0.0159	D		Y	4
B170824-BSD1	B170824-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.128	D		Y	4
B170824-BSD1	B170824-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.125	D		Y	4
B170824-BSD1	B170824-BSD1	Methylcyclohexane	0.0124	D		Y	4
B170824-BSD1	B170824-BSD1	Methylene Chloride	0.014	D		Y	4
B170824-BSD1	B170824-BSD1	Naphthalene	0.00928	D		Y	4
B170824-BSD1	B170824-BSD1	N-Butylbenzene	0.0117	D		Y	4
B170824-BSD1	B170824-BSD1	N-Propylbenzene	0.0112	D		Y	4
B170824-BSD1	B170824-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0108	D		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170824-BSD1	B170824-BSD1	p-Bromofluorobenzene	101			Y	4
B170824-BSD1	B170824-BSD1	Pentafluorobenzene	30			Y	4
B170824-BSD1	B170824-BSD1	Sec-Butylbenzene	0.0118	D		Y	4
B170824-BSD1	B170824-BSD1	Styrene	0.0109	D		Y	4
B170824-BSD1	B170824-BSD1	T-Butylbenzene	0.0111	D		Y	4
B170824-BSD1	B170824-BSD1	Tert-Butyl Alcohol	0.0848	D		Y	4
B170824-BSD1	B170824-BSD1	Tert-Butyl Methyl Ether	0.0125	D		Y	4
B170824-BSD1	B170824-BSD1	Tetrachloroethylene (PCE)	0.0129	D		Y	4
B170824-BSD1	B170824-BSD1	Tetrahydrofuran	0.0139	D		Y	4
B170824-BSD1	B170824-BSD1	Toluene	0.0129	D		Y	4
B170824-BSD1	B170824-BSD1	Toluene-D8	105			Y	4
B170824-BSD1	B170824-BSD1	Trans-1,2-Dichloroethene	0.0152	D		Y	4
B170824-BSD1	B170824-BSD1	Trans-1,3-Dichloropropene	0.0118	D		Y	4
B170824-BSD1	B170824-BSD1	Trans-1,4-Dichloro-2-Butene	0.0106	D		Y	4
B170824-BSD1	B170824-BSD1	Trichloroethylene (TCE)	0.0129	D		Y	4
B170824-BSD1	B170824-BSD1	Trichlorofluoromethane	0.0123	D		Y	4
B170824-BSD1	B170824-BSD1	Vinyl Chloride	0.0102	D		Y	4
B170829-BLK1	B170829-BLK1	1,1,1,2-Tetrachloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1,1-Trichloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1,2,2-Tetrachloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1,2-Trichloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1-Dichloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,1-Dichloroethene		U		Y	4
B170829-BLK1	B170829-BLK1	1,1-Dichloropropene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2,3-Trichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2,3-Trichloropropene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2,4-Trimethylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dichloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	1,2-Dichloroethane-D4	99.8			Y	4
B170829-BLK1	B170829-BLK1	1,2-Dichloropropane		U		Y	4
B170829-BLK1	B170829-BLK1	1,3,5-Trichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
B170829-BLK1	B170829-BLK1	1,3-Dichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,3-Dichloropropane		U		Y	4
B170829-BLK1	B170829-BLK1	1,4-Dichlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170829-BLK1	B170829-BLK1	1,4-Difluorobenzene	0.06			Y	4
B170829-BLK1	B170829-BLK1	1,4-Dioxane (P-Dioxane)		U		Y	4
B170829-BLK1	B170829-BLK1	2,2-Dichloropropane		U		Y	4
B170829-BLK1	B170829-BLK1	2-Chlorotoluene		U		Y	4
B170829-BLK1	B170829-BLK1	2-Hexanone		U		Y	4
B170829-BLK1	B170829-BLK1	2-Methoxy-2-Methylbutane		U		Y	4
B170829-BLK1	B170829-BLK1	4-Chlorotoluene		U		Y	4
B170829-BLK1	B170829-BLK1	Acetone		U		Y	4
B170829-BLK1	B170829-BLK1	Acrylonitrile		U		Y	4
B170829-BLK1	B170829-BLK1	Benzene		U		Y	4
B170829-BLK1	B170829-BLK1	Bromobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Bromochloromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Bromodichloromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Bromoform		U		Y	4
B170829-BLK1	B170829-BLK1	Bromomethane		U		Y	4
B170829-BLK1	B170829-BLK1	Carbon Disulfide		U		Y	4
B170829-BLK1	B170829-BLK1	Carbon Tetrachloride		U		Y	4
B170829-BLK1	B170829-BLK1	Chlorobenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Chlorobenzene-D5	0.06			Y	4
B170829-BLK1	B170829-BLK1	Chloroethane		U		Y	4
B170829-BLK1	B170829-BLK1	Chloroform		U		Y	4
B170829-BLK1	B170829-BLK1	Chloromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Cis-1,2-Dichloroethylene		U		Y	4
B170829-BLK1	B170829-BLK1	Cis-1,3-Dichloropropene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170829-BLK1	B170829-BLK1	Cyclohexane		U		Y	4
B170829-BLK1	B170829-BLK1	Cymene		U		Y	4
B170829-BLK1	B170829-BLK1	Dibromochloromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Dibromomethane		U		Y	4
B170829-BLK1	B170829-BLK1	Dichlorodifluoromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170829-BLK1	B170829-BLK1	Ethyl Tert-Butyl Ether		U		Y	4
B170829-BLK1	B170829-BLK1	Ethylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Hexachlorobutadiene		U		Y	4
B170829-BLK1	B170829-BLK1	Isopropyl Ether		U		Y	4
B170829-BLK1	B170829-BLK1	Isopropylbenzene (Cumene)		U		Y	4
B170829-BLK1	B170829-BLK1	m,p-Xylene		U		Y	4
B170829-BLK1	B170829-BLK1	Methyl Acetate		U		Y	4
B170829-BLK1	B170829-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B170829-BLK1	B170829-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
B170829-BLK1	B170829-BLK1	Methylcyclohexane		U		Y	4
B170829-BLK1	B170829-BLK1	Methylene Chloride		U		Y	4
B170829-BLK1	B170829-BLK1	Naphthalene		U		Y	4
B170829-BLK1	B170829-BLK1	N-Butylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	N-Propylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B170829-BLK1	B170829-BLK1	p-Bromofluorobenzene	94.4			Y	4
B170829-BLK1	B170829-BLK1	Pentafluorobenzene	0.06			Y	4
B170829-BLK1	B170829-BLK1	Sec-Butylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Styrene		U		Y	4
B170829-BLK1	B170829-BLK1	T-Butylbenzene		U		Y	4
B170829-BLK1	B170829-BLK1	Tert-Butyl Alcohol		U		Y	4
B170829-BLK1	B170829-BLK1	Tert-Butyl Methyl Ether		U		Y	4
B170829-BLK1	B170829-BLK1	Tetrachloroethylene (PCE)		U		Y	4
B170829-BLK1	B170829-BLK1	Tetrahydrofuran		U		Y	4
B170829-BLK1	B170829-BLK1	Toluene		U		Y	4
B170829-BLK1	B170829-BLK1	Toluene-D8	97.4			Y	4
B170829-BLK1	B170829-BLK1	Trans-1,2-Dichloroethene		U		Y	4
B170829-BLK1	B170829-BLK1	Trans-1,3-Dichloropropene		U		Y	4
B170829-BLK1	B170829-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	4
B170829-BLK1	B170829-BLK1	Trichloroethylene (TCE)		U		Y	4
B170829-BLK1	B170829-BLK1	Trichlorofluoromethane		U		Y	4
B170829-BLK1	B170829-BLK1	Vinyl Chloride		U		Y	4
B170829-BS1	B170829-BS1	1,1,1,2-Tetrachloroethane	0.0219			Y	4
B170829-BS1	B170829-BS1	1,1,1-Trichloroethane	0.019			Y	4
B170829-BS1	B170829-BS1	1,1,2,2-Tetrachloroethane	0.019			Y	4
B170829-BS1	B170829-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0198			Y	4
B170829-BS1	B170829-BS1	1,1,2-Trichloroethane	0.0198			Y	4
B170829-BS1	B170829-BS1	1,1-Dichloroethane	0.0207			Y	4
B170829-BS1	B170829-BS1	1,1-Dichloroethene	0.0207			Y	4
B170829-BS1	B170829-BS1	1,1-Dichloropropene	0.0198			Y	4
B170829-BS1	B170829-BS1	1,2,3-Trichlorobenzene	0.0191			Y	4
B170829-BS1	B170829-BS1	1,2,3-Trichloropropane	0.0187			Y	4
B170829-BS1	B170829-BS1	1,2,4-Trichlorobenzene	0.0186			Y	4
B170829-BS1	B170829-BS1	1,2,4-Trimethylbenzene	0.0198			Y	4
B170829-BS1	B170829-BS1	1,2-Dibromo-3-Chloropropane	0.0173			Y	4
B170829-BS1	B170829-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0209			Y	4
B170829-BS1	B170829-BS1	1,2-Dichlorobenzene	0.0212			Y	4
B170829-BS1	B170829-BS1	1,2-Dichloroethane	0.0236			Y	4
B170829-BS1	B170829-BS1	1,2-Dichloroethane-D4	99			Y	4
B170829-BS1	B170829-BS1	1,2-Dichloropropane	0.0204			Y	4
B170829-BS1	B170829-BS1	1,3,5-Trichlorobenzene	0.0193			Y	4
B170829-BS1	B170829-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0217			Y	4
B170829-BS1	B170829-BS1	1,3-Dichlorobenzene	0.021			Y	4
B170829-BS1	B170829-BS1	1,3-Dichloropropane	0.0201			Y	4
B170829-BS1	B170829-BS1	1,4-Dichlorobenzene	0.0203			Y	4
B170829-BS1	B170829-BS1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170829-BS1	B170829-BS1	1,4-Difluorobenzene	0.06			Y	4
B170829-BS1	B170829-BS1	1,4-Dioxane (P-Dioxane)	0.207			Y	4
B170829-BS1	B170829-BS1	2,2-Dichloropropane	0.015			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170829-BS1	B170829-BS1	2-Chlorotoluene	0.0222			Y	4
B170829-BS1	B170829-BS1	2-Hexanone	0.227			Y	4
B170829-BS1	B170829-BS1	2-Methoxy-2-Methylbutane	0.0167			Y	4
B170829-BS1	B170829-BS1	4-Chlorotoluene	0.0203			Y	4
B170829-BS1	B170829-BS1	Acetone	0.194			Y	4
B170829-BS1	B170829-BS1	Acrylonitrile	0.0194			Y	4
B170829-BS1	B170829-BS1	Benzene	0.0197			Y	4
B170829-BS1	B170829-BS1	Bromobenzene	0.0198			Y	4
B170829-BS1	B170829-BS1	Bromochloromethane	0.0261			Y	4
B170829-BS1	B170829-BS1	Bromodichloromethane	0.0213			Y	4
B170829-BS1	B170829-BS1	Bromoform	0.0224			Y	4
B170829-BS1	B170829-BS1	Bromomethane	0.0126			Y	4
B170829-BS1	B170829-BS1	Carbon Disulfide	0.0205			Y	4
B170829-BS1	B170829-BS1	Carbon Tetrachloride	0.0193			Y	4
B170829-BS1	B170829-BS1	Chlorobenzene	0.0222			Y	4
B170829-BS1	B170829-BS1	Chlorobenzene-D5	0.06			Y	4
B170829-BS1	B170829-BS1	Chloroethane		U		Y	4
B170829-BS1	B170829-BS1	Chloroform	0.02			Y	4
B170829-BS1	B170829-BS1	Chloromethane	0.0187			Y	4
B170829-BS1	B170829-BS1	Cis-1,2-Dichloroethylene	0.019			Y	4
B170829-BS1	B170829-BS1	Cis-1,3-Dichloropropene	0.0182			Y	4
B170829-BS1	B170829-BS1	Cyclohexane	0.0206			Y	4
B170829-BS1	B170829-BS1	Cymene	0.0208			Y	4
B170829-BS1	B170829-BS1	Dibromochloromethane	0.0225			Y	4
B170829-BS1	B170829-BS1	Dibromomethane	0.0213			Y	4
B170829-BS1	B170829-BS1	Dichlorodifluoromethane		U		Y	4
B170829-BS1	B170829-BS1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170829-BS1	B170829-BS1	Ethyl Tert-Butyl Ether	0.019			Y	4
B170829-BS1	B170829-BS1	Ethylbenzene	0.0218			Y	4
B170829-BS1	B170829-BS1	Hexachlorobutadiene	0.023			Y	4
B170829-BS1	B170829-BS1	Isopropyl Ether	0.0219			Y	4
B170829-BS1	B170829-BS1	Isopropylbenzene (Cumene)	0.0232			Y	4
B170829-BS1	B170829-BS1	m,p-Xylene	0.0436			Y	4
B170829-BS1	B170829-BS1	Methyl Acetate	0.0273			Y	4
B170829-BS1	B170829-BS1	Methyl Ethyl Ketone (2-Butanone)	0.205			Y	4
B170829-BS1	B170829-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.224			Y	4
B170829-BS1	B170829-BS1	Methylcyclohexane	0.0212			Y	4
B170829-BS1	B170829-BS1	Methylene Chloride	0.0237			Y	4
B170829-BS1	B170829-BS1	Naphthalene	0.0176			Y	4
B170829-BS1	B170829-BS1	N-Butylbenzene	0.0204			Y	4
B170829-BS1	B170829-BS1	N-Propylbenzene	0.0216			Y	4
B170829-BS1	B170829-BS1	O-Xylene (1,2-Dimethylbenzene)	0.0212			Y	4
B170829-BS1	B170829-BS1	p-Bromofluorobenzene	96.8			Y	4
B170829-BS1	B170829-BS1	Pentafluorobenzene	0.06			Y	4
B170829-BS1	B170829-BS1	Sec-Butylbenzene	0.0215			Y	4
B170829-BS1	B170829-BS1	Styrene	0.0211			Y	4
B170829-BS1	B170829-BS1	T-Butylbenzene	0.0204			Y	4
B170829-BS1	B170829-BS1	Tert-Butyl Alcohol	0.116			Y	4
B170829-BS1	B170829-BS1	Tert-Butyl Methyl Ether	0.015			Y	4
B170829-BS1	B170829-BS1	Tetrachloroethylene (PCE)	0.0231			Y	4
B170829-BS1	B170829-BS1	Tetrahydrofuran	0.0215			Y	4
B170829-BS1	B170829-BS1	Toluene	0.0216			Y	4
B170829-BS1	B170829-BS1	Toluene-D8	100			Y	4
B170829-BS1	B170829-BS1	Trans-1,2-Dichloroethene	0.0241			Y	4
B170829-BS1	B170829-BS1	Trans-1,3-Dichloropropene	0.0183			Y	4
B170829-BS1	B170829-BS1	Trans-1,4-Dichloro-2-Butene	0.02			Y	4
B170829-BS1	B170829-BS1	Trichloroethylene (TCE)	0.0213			Y	4
B170829-BS1	B170829-BS1	Trichlorofluoromethane	0.0215			Y	4
B170829-BS1	B170829-BS1	Vinyl Chloride	0.0163			Y	4
B170829-BSD1	B170829-BSD1	1,1,1,2-Tetrachloroethane	0.0227			Y	4
B170829-BSD1	B170829-BSD1	1,1,1-Trichloroethane	0.02			Y	4
B170829-BSD1	B170829-BSD1	1,1,2,2-Tetrachloroethane	0.0196			Y	4
B170829-BSD1	B170829-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0214			Y	4
B170829-BSD1	B170829-BSD1	1,1,2-Trichloroethane	0.0206			Y	4
B170829-BSD1	B170829-BSD1	1,1-Dichloroethane	0.0211			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170829-BSD1	B170829-BSD1	1,1-Dichloroethene	0.0211			Y	4
B170829-BSD1	B170829-BSD1	1,1-Dichloropropene	0.0202			Y	4
B170829-BSD1	B170829-BSD1	1,2,3-Trichlorobenzene	0.0206			Y	4
B170829-BSD1	B170829-BSD1	1,2,3-Trichloropropane	0.02			Y	4
B170829-BSD1	B170829-BSD1	1,2,4-Trichlorobenzene	0.0194			Y	4
B170829-BSD1	B170829-BSD1	1,2,4-Trimethylbenzene	0.0206			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dibromo-3-Chloropropane	0.019			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.021			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dichlorobenzene	0.0219			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dichloroethane	0.0239			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dichloroethane-D4	98.2			Y	4
B170829-BSD1	B170829-BSD1	1,2-Dichloropropane	0.0216			Y	4
B170829-BSD1	B170829-BSD1	1,3,5-Trichlorobenzene	0.02			Y	4
B170829-BSD1	B170829-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0223			Y	4
B170829-BSD1	B170829-BSD1	1,3-Dichlorobenzene	0.0218			Y	4
B170829-BSD1	B170829-BSD1	1,3-Dichloropropane	0.02			Y	4
B170829-BSD1	B170829-BSD1	1,4-Dichlorobenzene	0.0216			Y	4
B170829-BSD1	B170829-BSD1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170829-BSD1	B170829-BSD1	1,4-Difluorobenzene	0.06			Y	4
B170829-BSD1	B170829-BSD1	1,4-Dioxane (P-Dioxane)	0.206			Y	4
B170829-BSD1	B170829-BSD1	2,2-Dichloropropane	0.0155			Y	4
B170829-BSD1	B170829-BSD1	2-Chlorotoluene	0.0226			Y	4
B170829-BSD1	B170829-BSD1	2-Hexanone	0.238			Y	4
B170829-BSD1	B170829-BSD1	2-Methoxy-2-Methylbutane	0.0175			Y	4
B170829-BSD1	B170829-BSD1	4-Chlorotoluene	0.0216			Y	4
B170829-BSD1	B170829-BSD1	Acetone	0.211			Y	4
B170829-BSD1	B170829-BSD1	Acrylonitrile	0.0201			Y	4
B170829-BSD1	B170829-BSD1	Benzene	0.02			Y	4
B170829-BSD1	B170829-BSD1	Bromobenzene	0.0206			Y	4
B170829-BSD1	B170829-BSD1	Bromochloromethane	0.0266			Y	4
B170829-BSD1	B170829-BSD1	Bromodichloromethane	0.0216			Y	4
B170829-BSD1	B170829-BSD1	Bromoform	0.023			Y	4
B170829-BSD1	B170829-BSD1	Bromomethane	0.0146			Y	4
B170829-BSD1	B170829-BSD1	Carbon Disulfide	0.0207			Y	4
B170829-BSD1	B170829-BSD1	Carbon Tetrachloride	0.0197			Y	4
B170829-BSD1	B170829-BSD1	Chlorobenzene	0.0229			Y	4
B170829-BSD1	B170829-BSD1	Chlorobenzene-D5	0.06			Y	4
B170829-BSD1	B170829-BSD1	Chloroethane		U		Y	4
B170829-BSD1	B170829-BSD1	Chloroform	0.0206			Y	4
B170829-BSD1	B170829-BSD1	Chloromethane	0.0194			Y	4
B170829-BSD1	B170829-BSD1	Cis-1,2-Dichloroethylene	0.0193			Y	4
B170829-BSD1	B170829-BSD1	Cis-1,3-Dichloropropene	0.0185			Y	4
B170829-BSD1	B170829-BSD1	Cyclohexane	0.0211			Y	4
B170829-BSD1	B170829-BSD1	Cymene	0.0214			Y	4
B170829-BSD1	B170829-BSD1	Dibromochloromethane	0.0229			Y	4
B170829-BSD1	B170829-BSD1	Dibromomethane	0.0219			Y	4
B170829-BSD1	B170829-BSD1	Dichlorodifluoromethane		U		Y	4
B170829-BSD1	B170829-BSD1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170829-BSD1	B170829-BSD1	Ethyl Tert-Butyl Ether	0.0196			Y	4
B170829-BSD1	B170829-BSD1	Ethylbenzene	0.0221			Y	4
B170829-BSD1	B170829-BSD1	Hexachlorobutadiene	0.0231			Y	4
B170829-BSD1	B170829-BSD1	Isopropyl Ether	0.0226			Y	4
B170829-BSD1	B170829-BSD1	Isopropylbenzene (Cumene)	0.0239			Y	4
B170829-BSD1	B170829-BSD1	m,p-Xylene	0.0442			Y	4
B170829-BSD1	B170829-BSD1	Methyl Acetate	0.0288			Y	4
B170829-BSD1	B170829-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.222			Y	4
B170829-BSD1	B170829-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.232			Y	4
B170829-BSD1	B170829-BSD1	Methylcyclohexane	0.0219			Y	4
B170829-BSD1	B170829-BSD1	Methylene Chloride	0.0243			Y	4
B170829-BSD1	B170829-BSD1	Naphthalene	0.019			Y	4
B170829-BSD1	B170829-BSD1	N-Butylbenzene	0.0213			Y	4
B170829-BSD1	B170829-BSD1	N-Propylbenzene	0.0222			Y	4
B170829-BSD1	B170829-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0217			Y	4
B170829-BSD1	B170829-BSD1	p-Bromofluorobenzene	98			Y	4
B170829-BSD1	B170829-BSD1	Pentafluorobenzene	0.06			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170829-BSD1	B170829-BSD1	Sec-Butylbenzene	0.0218			Y	4
B170829-BSD1	B170829-BSD1	Styrene	0.0217			Y	4
B170829-BSD1	B170829-BSD1	T-Butylbenzene	0.0212			Y	4
B170829-BSD1	B170829-BSD1	Tert-Butyl Alcohol	0.122			Y	4
B170829-BSD1	B170829-BSD1	Tert-Butyl Methyl Ether	0.015			Y	4
B170829-BSD1	B170829-BSD1	Tetrachloroethylene (PCE)	0.0245			Y	4
B170829-BSD1	B170829-BSD1	Tetrahydrofuran	0.0215			Y	4
B170829-BSD1	B170829-BSD1	Toluene	0.0218			Y	4
B170829-BSD1	B170829-BSD1	Toluene-D8	100			Y	4
B170829-BSD1	B170829-BSD1	Trans-1,2-Dichloroethene	0.0237			Y	4
B170829-BSD1	B170829-BSD1	Trans-1,3-Dichloropropene	0.0188			Y	4
B170829-BSD1	B170829-BSD1	Trans-1,4-Dichloro-2-Butene	0.02			Y	4
B170829-BSD1	B170829-BSD1	Trichloroethylene (TCE)	0.0216			Y	4
B170829-BSD1	B170829-BSD1	Trichlorofluoromethane	0.0225			Y	4
B170829-BSD1	B170829-BSD1	Vinyl Chloride	0.0172			Y	4
B170926-BLK1	B170926-BLK1	Cyanide		U		Y	4
B170926-BS1	B170926-BS1	Cyanide	0.63			Y	4
B170926-BSD1	B170926-BSD1	Cyanide	0.66			Y	4
LRB-01-2-16-17MS1	B170926-MS1	Cyanide	0.31			Y	4
LRB-01-2-16-17MSD1	B170926-MSD1	Cyanide	0.31			Y	4
B171017-BLK1	B171017-BLK1	1,1,1,2-Tetrachloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1,1-Trichloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1,2,2-Tetrachloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1,2-Trichloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1-Dichloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,1-Dichloroethene		U		Y	4
B171017-BLK1	B171017-BLK1	1,1-Dichloropropene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2,3-Trichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2,3-Trichloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2,4-Trimethylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dichloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	1,2-Dichloroethane-D4	114			Y	4
B171017-BLK1	B171017-BLK1	1,2-Dichloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	1,3,5-Trichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
B171017-BLK1	B171017-BLK1	1,3-Dichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,3-Dichloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	1,4-Dichlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	1,4-Dichlorobenzene-D4	30			Y	4
B171017-BLK1	B171017-BLK1	1,4-Difluorobenzene	30			Y	4
B171017-BLK1	B171017-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
B171017-BLK1	B171017-BLK1	2,2-Dichloropropane		U		Y	4
B171017-BLK1	B171017-BLK1	2-Chlorotoluene		U		Y	4
B171017-BLK1	B171017-BLK1	2-Hexanone		U		Y	4
B171017-BLK1	B171017-BLK1	2-Methoxy-2-Methylbutane		U		Y	4
B171017-BLK1	B171017-BLK1	4-Chlorotoluene		U		Y	4
B171017-BLK1	B171017-BLK1	Acetone		U		Y	4
B171017-BLK1	B171017-BLK1	Acrylonitrile		U		Y	4
B171017-BLK1	B171017-BLK1	Benzene		U		Y	4
B171017-BLK1	B171017-BLK1	Bromobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Bromochloromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Bromodichloromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Bromoform		U		Y	4
B171017-BLK1	B171017-BLK1	Bromomethane		U		Y	4
B171017-BLK1	B171017-BLK1	Carbon Disulfide		U		Y	4
B171017-BLK1	B171017-BLK1	Carbon Tetrachloride		U		Y	4
B171017-BLK1	B171017-BLK1	Chlorobenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Chlorobenzene-D5	30			Y	4
B171017-BLK1	B171017-BLK1	Chloroethane		U		Y	4
B171017-BLK1	B171017-BLK1	Chloroform		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171017-BLK1	B171017-BLK1	Chloromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Cis-1,2-Dichloroethylene		U		Y	4
B171017-BLK1	B171017-BLK1	Cis-1,3-Dichloropropene		U		Y	4
B171017-BLK1	B171017-BLK1	Cyclohexane		U		Y	4
B171017-BLK1	B171017-BLK1	Cymene		U		Y	4
B171017-BLK1	B171017-BLK1	Dibromochloromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Dibromomethane		U		Y	4
B171017-BLK1	B171017-BLK1	Dichlorodifluoromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	4
B171017-BLK1	B171017-BLK1	Ethyl Tert-Butyl Ether		U		Y	4
B171017-BLK1	B171017-BLK1	Ethylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Hexachlorobutadiene		U		Y	4
B171017-BLK1	B171017-BLK1	Isopropyl Ether		U		Y	4
B171017-BLK1	B171017-BLK1	Isopropylbenzene (Cumene)		U		Y	4
B171017-BLK1	B171017-BLK1	m,p-Xylene		U		Y	4
B171017-BLK1	B171017-BLK1	Methyl Acetate		U		Y	4
B171017-BLK1	B171017-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B171017-BLK1	B171017-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
B171017-BLK1	B171017-BLK1	Methylcyclohexane		U		Y	4
B171017-BLK1	B171017-BLK1	Methylene Chloride		U		Y	4
B171017-BLK1	B171017-BLK1	Naphthalene		U		Y	4
B171017-BLK1	B171017-BLK1	N-Butylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	N-Propylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B171017-BLK1	B171017-BLK1	p-Bromofluorobenzene	97.3			Y	4
B171017-BLK1	B171017-BLK1	Pentafluorobenzene	30			Y	4
B171017-BLK1	B171017-BLK1	Sec-Butylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Styrene		U		Y	4
B171017-BLK1	B171017-BLK1	T-Butylbenzene		U		Y	4
B171017-BLK1	B171017-BLK1	Tert-Butyl Alcohol		U	UJ	Y	4
B171017-BLK1	B171017-BLK1	Tert-Butyl Methyl Ether		U		Y	4
B171017-BLK1	B171017-BLK1	Tetrachloroethylene (PCE)		U		Y	4
B171017-BLK1	B171017-BLK1	Tetrahydrofuran		U		Y	4
B171017-BLK1	B171017-BLK1	Toluene		U		Y	4
B171017-BLK1	B171017-BLK1	Toluene-D8	105			Y	4
B171017-BLK1	B171017-BLK1	Trans-1,2-Dichloroethene		U		Y	4
B171017-BLK1	B171017-BLK1	Trans-1,3-Dichloropropene		U		Y	4
B171017-BLK1	B171017-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	4
B171017-BLK1	B171017-BLK1	Trichloroethylene (TCE)		U		Y	4
B171017-BLK1	B171017-BLK1	Trichlorofluoromethane		U		Y	4
B171017-BLK1	B171017-BLK1	Vinyl Chloride		U		Y	4
B171017-BS1	B171017-BS1	1,1,1,2-Tetrachloroethane	9.53			Y	4
B171017-BS1	B171017-BS1	1,1,1-Trichloroethane	11.6			Y	4
B171017-BS1	B171017-BS1	1,1,2,2-Tetrachloroethane	10.2			Y	4
B171017-BS1	B171017-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	11.4			Y	4
B171017-BS1	B171017-BS1	1,1,2-Trichloroethane	11.6			Y	4
B171017-BS1	B171017-BS1	1,1-Dichloroethane	12.1			Y	4
B171017-BS1	B171017-BS1	1,1-Dichloroethene	11.4			Y	4
B171017-BS1	B171017-BS1	1,1-Dichloropropene	12.3			Y	4
B171017-BS1	B171017-BS1	1,2,3-Trichlorobenzene	9.47			Y	4
B171017-BS1	B171017-BS1	1,2,3-Trichloropropane	9.51			Y	4
B171017-BS1	B171017-BS1	1,2,4-Trichlorobenzene	9.89			Y	4
B171017-BS1	B171017-BS1	1,2,4-Trimethylbenzene	10.1			Y	4
B171017-BS1	B171017-BS1	1,2-Dibromo-3-Chloropropane	10.8			Y	4
B171017-BS1	B171017-BS1	1,2-Dibromoethane (Ethylene Dibromide)	11.5			Y	4
B171017-BS1	B171017-BS1	1,2-Dichlorobenzene	10.3			Y	4
B171017-BS1	B171017-BS1	1,2-Dichloroethane	11.6			Y	4
B171017-BS1	B171017-BS1	1,2-Dichloroethane-D4	111			Y	4
B171017-BS1	B171017-BS1	1,2-Dichloropropane	11			Y	4
B171017-BS1	B171017-BS1	1,3,5-Trichlorobenzene	10.4			Y	4
B171017-BS1	B171017-BS1	1,3,5-Trimethylbenzene (Mesitylene)	9.67			Y	4
B171017-BS1	B171017-BS1	1,3-Dichlorobenzene	10.6			Y	4
B171017-BS1	B171017-BS1	1,3-Dichloropropane	11			Y	4
B171017-BS1	B171017-BS1	1,4-Dichlorobenzene	10.2			Y	4
B171017-BS1	B171017-BS1	1,4-Dichlorobenzene-D4	30			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171017-BS1	B171017-BS1	1,4-Difluorobenzene	30			Y	4
B171017-BS1	B171017-BS1	1,4-Dioxane (P-Dioxane)	100		J	Y	4
B171017-BS1	B171017-BS1	2,2-Dichloropropane	8.95			Y	4
B171017-BS1	B171017-BS1	2-Chlorotoluene	10.4			Y	4
B171017-BS1	B171017-BS1	2-Hexanone	109			Y	4
B171017-BS1	B171017-BS1	2-Methoxy-2-Methylbutane	10.6			Y	4
B171017-BS1	B171017-BS1	4-Chlorotoluene	10.2			Y	4
B171017-BS1	B171017-BS1	Acetone	109			Y	4
B171017-BS1	B171017-BS1	Acrylonitrile	12.1			Y	4
B171017-BS1	B171017-BS1	Benzene	12			Y	4
B171017-BS1	B171017-BS1	Bromobenzene	10.1			Y	4
B171017-BS1	B171017-BS1	Bromochloromethane	12.7			Y	4
B171017-BS1	B171017-BS1	Bromodichloromethane	12			Y	4
B171017-BS1	B171017-BS1	Bromoform	9.93			Y	4
B171017-BS1	B171017-BS1	Bromomethane	3.8			Y	4
B171017-BS1	B171017-BS1	Carbon Disulfide	14.4			Y	4
B171017-BS1	B171017-BS1	Carbon Tetrachloride	12			Y	4
B171017-BS1	B171017-BS1	Chlorobenzene	10.1			Y	4
B171017-BS1	B171017-BS1	Chlorobenzene-D5	30			Y	4
B171017-BS1	B171017-BS1	Chloroethane	10.1			Y	4
B171017-BS1	B171017-BS1	Chloroform	12.2			Y	4
B171017-BS1	B171017-BS1	Chloromethane	7.3			Y	4
B171017-BS1	B171017-BS1	Cis-1,2-Dichloroethylene	11.2			Y	4
B171017-BS1	B171017-BS1	Cis-1,3-Dichloropropene	10			Y	4
B171017-BS1	B171017-BS1	Cyclohexane	13.1			Y	4
B171017-BS1	B171017-BS1	Cymene	9.76			Y	4
B171017-BS1	B171017-BS1	Dibromochloromethane	11.8			Y	4
B171017-BS1	B171017-BS1	Dibromomethane	11.9			Y	4
B171017-BS1	B171017-BS1	Dichlorodifluoromethane	7.31			Y	4
B171017-BS1	B171017-BS1	Diethyl Ether (Ethyl Ether)	11.6			Y	4
B171017-BS1	B171017-BS1	Ethyl Tert-Butyl Ether	11			Y	4
B171017-BS1	B171017-BS1	Ethylbenzene	10.1			Y	4
B171017-BS1	B171017-BS1	Hexachlorobutadiene	11.5			Y	4
B171017-BS1	B171017-BS1	Isopropyl Ether	11.4			Y	4
B171017-BS1	B171017-BS1	Isopropylbenzene (Cumene)	10.3			Y	4
B171017-BS1	B171017-BS1	m,p-Xylene	20.4			Y	4
B171017-BS1	B171017-BS1	Methyl Acetate	14.2			Y	4
B171017-BS1	B171017-BS1	Methyl Ethyl Ketone (2-Butanone)	112			Y	4
B171017-BS1	B171017-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	105			Y	4
B171017-BS1	B171017-BS1	Methylcyclohexane	11.3			Y	4
B171017-BS1	B171017-BS1	Methylene Chloride	12.9			Y	4
B171017-BS1	B171017-BS1	Naphthalene	7.85			Y	4
B171017-BS1	B171017-BS1	N-Butylbenzene	10.6			Y	4
B171017-BS1	B171017-BS1	N-Propylbenzene	10.2			Y	4
B171017-BS1	B171017-BS1	O-Xylene (1,2-Dimethylbenzene)	9.95			Y	4
B171017-BS1	B171017-BS1	p-Bromofluorobenzene	102			Y	4
B171017-BS1	B171017-BS1	Pentafluorobenzene	30			Y	4
B171017-BS1	B171017-BS1	Sec-Butylbenzene	10.7			Y	4
B171017-BS1	B171017-BS1	Styrene	9.91			Y	4
B171017-BS1	B171017-BS1	T-Butylbenzene	10.1			Y	4
B171017-BS1	B171017-BS1	Tert-Butyl Alcohol	71.8		J	Y	4
B171017-BS1	B171017-BS1	Tert-Butyl Methyl Ether	10.8			Y	4
B171017-BS1	B171017-BS1	Tetrachloroethylene (PCE)	11.8			Y	4
B171017-BS1	B171017-BS1	Tetrahydrofuran	11.7			Y	4
B171017-BS1	B171017-BS1	Toluene	11.5			Y	4
B171017-BS1	B171017-BS1	Toluene-D8	107			Y	4
B171017-BS1	B171017-BS1	Trans-1,2-Dichloroethene	13.4			Y	4
B171017-BS1	B171017-BS1	Trans-1,3-Dichloropropene	10.3			Y	4
B171017-BS1	B171017-BS1	Trans-1,4-Dichloro-2-Butene	8.51			Y	4
B171017-BS1	B171017-BS1	Trichloroethylene (TCE)	11.3			Y	4
B171017-BS1	B171017-BS1	Trichlorofluoromethane	11.2			Y	4
B171017-BS1	B171017-BS1	Vinyl Chloride	9.32			Y	4
B171017-BSD1	B171017-BSD1	1,1,1,2-Tetrachloroethane	9.6			Y	4
B171017-BSD1	B171017-BSD1	1,1,1-Trichloroethane	11			Y	4
B171017-BSD1	B171017-BSD1	1,1,2,2-Tetrachloroethane	10.1			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171017-BSD1	B171017-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	11			Y	4
B171017-BSD1	B171017-BSD1	1,1,2-Trichloroethane	11.5			Y	4
B171017-BSD1	B171017-BSD1	1,1-Dichloroethane	11.8			Y	4
B171017-BSD1	B171017-BSD1	1,1-Dichloroethene	11.2			Y	4
B171017-BSD1	B171017-BSD1	1,1-Dichloropropene	11.6			Y	4
B171017-BSD1	B171017-BSD1	1,2,3-Trichlorobenzene	9.97			Y	4
B171017-BSD1	B171017-BSD1	1,2,3-Trichloropropane	9.94			Y	4
B171017-BSD1	B171017-BSD1	1,2,4-Trichlorobenzene	10.1			Y	4
B171017-BSD1	B171017-BSD1	1,2,4-Trimethylbenzene	10			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dibromo-3-Chloropropane	11.1			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	11.5			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dichlorobenzene	10.1			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dichloroethane	11.6			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dichloroethane-D4	110			Y	4
B171017-BSD1	B171017-BSD1	1,2-Dichloropropane	10.9			Y	4
B171017-BSD1	B171017-BSD1	1,3,5-Trichlorobenzene	10.6			Y	4
B171017-BSD1	B171017-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	9.31			Y	4
B171017-BSD1	B171017-BSD1	1,3-Dichlorobenzene	10.2			Y	4
B171017-BSD1	B171017-BSD1	1,3-Dichloropropane	11			Y	4
B171017-BSD1	B171017-BSD1	1,4-Dichlorobenzene	10			Y	4
B171017-BSD1	B171017-BSD1	1,4-Dichlorobenzene-D4	30			Y	4
B171017-BSD1	B171017-BSD1	1,4-Difluorobenzene	30			Y	4
B171017-BSD1	B171017-BSD1	1,4-Dioxane (P-Dioxane)	104		J	Y	4
B171017-BSD1	B171017-BSD1	2,2-Dichloropropane	8.46			Y	4
B171017-BSD1	B171017-BSD1	2-Chlorotoluene	10.2			Y	4
B171017-BSD1	B171017-BSD1	2-Hexanone	113			Y	4
B171017-BSD1	B171017-BSD1	2-Methoxy-2-Methylbutane	10.5			Y	4
B171017-BSD1	B171017-BSD1	4-Chlorotoluene	10			Y	4
B171017-BSD1	B171017-BSD1	Acetone	115			Y	4
B171017-BSD1	B171017-BSD1	Acrylonitrile	12			Y	4
B171017-BSD1	B171017-BSD1	Benzene	11.6			Y	4
B171017-BSD1	B171017-BSD1	Bromobenzene	9.89			Y	4
B171017-BSD1	B171017-BSD1	Bromochloromethane	12.1			Y	4
B171017-BSD1	B171017-BSD1	Bromodichloromethane	11.8			Y	4
B171017-BSD1	B171017-BSD1	Bromoform	10			Y	4
B171017-BSD1	B171017-BSD1	Bromomethane	4.25			Y	4
B171017-BSD1	B171017-BSD1	Carbon Disulfide	14.1			Y	4
B171017-BSD1	B171017-BSD1	Carbon Tetrachloride	11.6			Y	4
B171017-BSD1	B171017-BSD1	Chlorobenzene	9.83			Y	4
B171017-BSD1	B171017-BSD1	Chlorobenzene-D5	30			Y	4
B171017-BSD1	B171017-BSD1	Chloroethane	9.64			Y	4
B171017-BSD1	B171017-BSD1	Chloroform	11.7			Y	4
B171017-BSD1	B171017-BSD1	Chloromethane	7.3			Y	4
B171017-BSD1	B171017-BSD1	Cis-1,2-Dichloroethylene	10.7			Y	4
B171017-BSD1	B171017-BSD1	Cis-1,3-Dichloropropene	9.73			Y	4
B171017-BSD1	B171017-BSD1	Cyclohexane	12.6			Y	4
B171017-BSD1	B171017-BSD1	Cymene	9.54			Y	4
B171017-BSD1	B171017-BSD1	Dibromochloromethane	11.7			Y	4
B171017-BSD1	B171017-BSD1	Dibromomethane	12			Y	4
B171017-BSD1	B171017-BSD1	Dichlorodifluoromethane	7.33			Y	4
B171017-BSD1	B171017-BSD1	Diethyl Ether (Ethyl Ether)	11.8			Y	4
B171017-BSD1	B171017-BSD1	Ethyl Tert-Butyl Ether	10.8			Y	4
B171017-BSD1	B171017-BSD1	Ethylbenzene	9.67			Y	4
B171017-BSD1	B171017-BSD1	Hexachlorobutadiene	11			Y	4
B171017-BSD1	B171017-BSD1	Isopropyl Ether	11			Y	4
B171017-BSD1	B171017-BSD1	Isopropylbenzene (Cumene)	10.2			Y	4
B171017-BSD1	B171017-BSD1	m,p-Xylene	19.8			Y	4
B171017-BSD1	B171017-BSD1	Methyl Acetate	14			Y	4
B171017-BSD1	B171017-BSD1	Methyl Ethyl Ketone (2-Butanone)	113			Y	4
B171017-BSD1	B171017-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	110			Y	4
B171017-BSD1	B171017-BSD1	Methylcyclohexane	10.9			Y	4
B171017-BSD1	B171017-BSD1	Methylene Chloride	12.4			Y	4
B171017-BSD1	B171017-BSD1	Naphthalene	8.19			Y	4
B171017-BSD1	B171017-BSD1	N-Butylbenzene	10.3			Y	4
B171017-BSD1	B171017-BSD1	N-Propylbenzene	9.91			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171017-BSD1	B171017-BSD1	O-Xylene (1,2-Dimethylbenzene)	9.56			Y	4
B171017-BSD1	B171017-BSD1	p-Bromofluorobenzene	101			Y	4
B171017-BSD1	B171017-BSD1	Pentafluorobenzene	30			Y	4
B171017-BSD1	B171017-BSD1	Sec-Butylbenzene	10.4			Y	4
B171017-BSD1	B171017-BSD1	Styrene	9.64			Y	4
B171017-BSD1	B171017-BSD1	T-Butylbenzene	9.81			Y	4
B171017-BSD1	B171017-BSD1	Tert-Butyl Alcohol	74.8		J	Y	4
B171017-BSD1	B171017-BSD1	Tert-Butyl Methyl Ether	11			Y	4
B171017-BSD1	B171017-BSD1	Tetrachloroethylene (PCE)	11.4			Y	4
B171017-BSD1	B171017-BSD1	Tetrahydrofuran	12.3			Y	4
B171017-BSD1	B171017-BSD1	Toluene	11.4			Y	4
B171017-BSD1	B171017-BSD1	Toluene-D8	105			Y	4
B171017-BSD1	B171017-BSD1	Trans-1,2-Dichloroethene	13.4			Y	4
B171017-BSD1	B171017-BSD1	Trans-1,3-Dichloropropene	10.4			Y	4
B171017-BSD1	B171017-BSD1	Trans-1,4-Dichloro-2-Butene	9.36			Y	4
B171017-BSD1	B171017-BSD1	Trichloroethylene (TCE)	11.4			Y	4
B171017-BSD1	B171017-BSD1	Trichlorofluoromethane	10.8			Y	4
B171017-BSD1	B171017-BSD1	Vinyl Chloride	8.97			Y	4
B171052-BLK1	B171052-BLK1	Cyanide		U		Y	4
B171052-BS1	B171052-BS1	Cyanide	58	D		Y	4
B171052-BSD1	B171052-BSD1	Cyanide	62	D		Y	4
LW-04-COMP1-0-4.10'M	B171052-MS1	Cyanide	19			Y	4
LW-04-COMP1-0-4.10'M	B171052-MSD1	Cyanide	19			Y	4
B171093-BLK1	B171093-BLK1	Aluminum		U	UJ	Y	4
B171093-BLK1	B171093-BLK1	Antimony		U		Y	4
B171093-BLK1	B171093-BLK1	Arsenic		U		Y	4
B171093-BLK1	B171093-BLK1	Barium		U		Y	4
B171093-BLK1	B171093-BLK1	Beryllium		U		Y	4
B171093-BLK1	B171093-BLK1	Cadmium		U		Y	4
B171093-BLK1	B171093-BLK1	Calcium		U		Y	4
B171093-BLK1	B171093-BLK1	Chromium, Total		U		Y	4
B171093-BLK1	B171093-BLK1	Cobalt		U	UJ	Y	4
B171093-BLK1	B171093-BLK1	Copper		U		Y	4
B171093-BLK1	B171093-BLK1	Iron		U		Y	4
B171093-BLK1	B171093-BLK1	Lead		U		Y	4
B171093-BLK1	B171093-BLK1	Magnesium		U		Y	4
B171093-BLK1	B171093-BLK1	Manganese		U		Y	4
B171093-BLK1	B171093-BLK1	Nickel		U		Y	4
B171093-BLK1	B171093-BLK1	Potassium		U		Y	4
B171093-BLK1	B171093-BLK1	Selenium		U		Y	4
B171093-BLK1	B171093-BLK1	Silver		U	UJ	Y	4
B171093-BLK1	B171093-BLK1	Sodium		U		Y	4
B171093-BLK1	B171093-BLK1	Thallium		U		Y	4
B171093-BLK1	B171093-BLK1	Vanadium		U	UJ	Y	4
B171093-BLK1	B171093-BLK1	Zinc		U		Y	4
B171093-BS1	B171093-BS1	Silver	0.46		J	Y	4
B171093-BS2	B171093-BS2	Aluminum	2		J	Y	4
B171093-BS2	B171093-BS2	Antimony	2.09			Y	4
B171093-BS2	B171093-BS2	Arsenic	2.1			Y	4
B171093-BS2	B171093-BS2	Barium	2.06			Y	4
B171093-BS2	B171093-BS2	Beryllium	2.08		JH	Y	4
B171093-BS2	B171093-BS2	Cadmium	2.13		JH	Y	4
B171093-BS2	B171093-BS2	Calcium	2.11			Y	4
B171093-BS2	B171093-BS2	Chromium, Total	2.05			Y	4
B171093-BS2	B171093-BS2	Cobalt	2.07		J	Y	4
B171093-BS2	B171093-BS2	Copper	2.06			Y	4
B171093-BS2	B171093-BS2	Iron	2.1			Y	4
B171093-BS2	B171093-BS2	Lead	2.06		JH	Y	4
B171093-BS2	B171093-BS2	Magnesium	2.09		JH	Y	4
B171093-BS2	B171093-BS2	Manganese	2.07			Y	4
B171093-BS2	B171093-BS2	Nickel	2.09			Y	4
B171093-BS2	B171093-BS2	Potassium	20.6			Y	4
B171093-BS2	B171093-BS2	Selenium	2.18		JH	Y	4
B171093-BS2	B171093-BS2	Sodium		U		Y	4
B171093-BS2	B171093-BS2	Thallium	2.03		JH	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171093-BS2	B171093-BS2	Vanadium	1.99		J	Y	4
B171093-BS2	B171093-BS2	Zinc	2.13			Y	4
B171093-BSD1	B171093-BSD1	Silver	0.501		J	Y	4
B171093-BSD2	B171093-BSD2	Aluminum	2.01		J	Y	4
B171093-BSD2	B171093-BSD2	Antimony	2.1			Y	4
B171093-BSD2	B171093-BSD2	Arsenic	2.11			Y	4
B171093-BSD2	B171093-BSD2	Barium	2.08			Y	4
B171093-BSD2	B171093-BSD2	Beryllium	2.1		JH	Y	4
B171093-BSD2	B171093-BSD2	Cadmium	2.12		JH	Y	4
B171093-BSD2	B171093-BSD2	Calcium	2.17			Y	4
B171093-BSD2	B171093-BSD2	Chromium, Total	2.04			Y	4
B171093-BSD2	B171093-BSD2	Cobalt	2.07		J	Y	4
B171093-BSD2	B171093-BSD2	Copper	2.05			Y	4
B171093-BSD2	B171093-BSD2	Iron	2.14			Y	4
B171093-BSD2	B171093-BSD2	Lead	2.06		JH	Y	4
B171093-BSD2	B171093-BSD2	Magnesium	2.12		JH	Y	4
B171093-BSD2	B171093-BSD2	Manganese	2.12			Y	4
B171093-BSD2	B171093-BSD2	Nickel	2.08			Y	4
B171093-BSD2	B171093-BSD2	Potassium	20.4			Y	4
B171093-BSD2	B171093-BSD2	Selenium	2.18		JH	Y	4
B171093-BSD2	B171093-BSD2	Sodium		U		Y	4
B171093-BSD2	B171093-BSD2	Thallium	2.02		JH	Y	4
B171093-BSD2	B171093-BSD2	Vanadium	2.01		J	Y	4
B171093-BSD2	B171093-BSD2	Zinc	2.12			Y	4
B171137-BLK1	B171137-BLK1	Mercury		U		Y	4
B171137-BS1	B171137-BS1	Mercury	8.8	D		Y	4
B171137-BSD1	B171137-BSD1	Mercury	10.3	D		Y	4
LW-01-COMP2-4-10.2'DL	B171137-DUP1	Mercury	0.15			Y	4
LW-01-COMP2-4-10.2'M	B171137-MS1	Mercury	0.346			Y	4
LW-01-COMP2-4-10.2'M	B171137-MSD1	Mercury	0.361			Y	4
B171205-BLK1	B171205-BLK1	Aluminum		U	UJ	Y	4
B171205-BLK1	B171205-BLK1	Antimony		U		Y	4
B171205-BLK1	B171205-BLK1	Arsenic		U		Y	4
B171205-BLK1	B171205-BLK1	Barium		U		Y	4
B171205-BLK1	B171205-BLK1	Beryllium		U		Y	4
B171205-BLK1	B171205-BLK1	Cadmium		U		Y	4
B171205-BLK1	B171205-BLK1	Calcium		U		Y	4
B171205-BLK1	B171205-BLK1	Chromium, Total		U		Y	4
B171205-BLK1	B171205-BLK1	Cobalt		U	UJ	Y	4
B171205-BLK1	B171205-BLK1	Copper		U		Y	4
B171205-BLK1	B171205-BLK1	Iron		U		Y	4
B171205-BLK1	B171205-BLK1	Lead		U		Y	4
B171205-BLK1	B171205-BLK1	Magnesium		U		Y	4
B171205-BLK1	B171205-BLK1	Manganese		U		Y	4
B171205-BLK1	B171205-BLK1	Nickel		U		Y	4
B171205-BLK1	B171205-BLK1	Potassium		U		Y	4
B171205-BLK1	B171205-BLK1	Selenium		U		Y	4
B171205-BLK1	B171205-BLK1	Silver		U	UJ	Y	4
B171205-BLK1	B171205-BLK1	Sodium		U		Y	4
B171205-BLK1	B171205-BLK1	Thallium		U		Y	4
B171205-BLK1	B171205-BLK1	Vanadium		U	UJ	Y	4
B171205-BLK1	B171205-BLK1	Zinc		U		Y	4
B171205-BS1	B171205-BS1	Aluminum	5010		JH	Y	4
B171205-BS1	B171205-BS1	Antimony	145		J	Y	4
B171205-BS1	B171205-BS1	Arsenic	55.7			Y	4
B171205-BS1	B171205-BS1	Barium	101			Y	4
B171205-BS1	B171205-BS1	Beryllium	69.9		JH	Y	4
B171205-BS1	B171205-BS1	Cadmium	74.8		JH	Y	4
B171205-BS1	B171205-BS1	Calcium	6070			Y	4
B171205-BS1	B171205-BS1	Chromium, Total	62			Y	4
B171205-BS1	B171205-BS1	Cobalt	57		J	Y	4
B171205-BS1	B171205-BS1	Copper	57			Y	4
B171205-BS1	B171205-BS1	Iron	12000			Y	4
B171205-BS1	B171205-BS1	Lead	80.2		JH	Y	4
B171205-BS1	B171205-BS1	Magnesium	2180		JH	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B171205-BS1	B171205-BS1	Manganese	248			Y	4
B171205-BS1	B171205-BS1	Nickel	58.6			Y	4
B171205-BS1	B171205-BS1	Potassium	1940			Y	4
B171205-BS1	B171205-BS1	Selenium	83.4		JH	Y	4
B171205-BS1	B171205-BS1	Silver	49.8		J	Y	4
B171205-BS1	B171205-BS1	Sodium	823			Y	4
B171205-BS1	B171205-BS1	Thallium	172		JH	Y	4
B171205-BS1	B171205-BS1	Vanadium	52.2		J	Y	4
B171205-BS1	B171205-BS1	Zinc	190			Y	4
B171205-BSD1	B171205-BSD1	Aluminum	4640		JH	Y	4
B171205-BSD1	B171205-BSD1	Antimony	141		J	Y	4
B171205-BSD1	B171205-BSD1	Arsenic	53.7			Y	4
B171205-BSD1	B171205-BSD1	Barium	92.4			Y	4
B171205-BSD1	B171205-BSD1	Beryllium	67.4		JH	Y	4
B171205-BSD1	B171205-BSD1	Cadmium	70.1		JH	Y	4
B171205-BSD1	B171205-BSD1	Calcium	6040			Y	4
B171205-BSD1	B171205-BSD1	Chromium, Total	59.6			Y	4
B171205-BSD1	B171205-BSD1	Cobalt	54.2		J	Y	4
B171205-BSD1	B171205-BSD1	Copper	54.5			Y	4
B171205-BSD1	B171205-BSD1	Iron	11700			Y	4
B171205-BSD1	B171205-BSD1	Lead	76		JH	Y	4
B171205-BSD1	B171205-BSD1	Magnesium	2060		JH	Y	4
B171205-BSD1	B171205-BSD1	Manganese	242			Y	4
B171205-BSD1	B171205-BSD1	Nickel	55.6			Y	4
B171205-BSD1	B171205-BSD1	Potassium	1840			Y	4
B171205-BSD1	B171205-BSD1	Selenium	80.2		JH	Y	4
B171205-BSD1	B171205-BSD1	Silver	47.5		J	Y	4
B171205-BSD1	B171205-BSD1	Sodium	801			Y	4
B171205-BSD1	B171205-BSD1	Thallium	163		JH	Y	4
B171205-BSD1	B171205-BSD1	Vanadium	50.1		J	Y	4
B171205-BSD1	B171205-BSD1	Zinc	182			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Aluminum	7560		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Antimony		U	UJ	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Arsenic		U		Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Barium	285			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Beryllium	0.637		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Cadmium	3.18		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Calcium	54400			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Chromium, Total	197			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Cobalt	12.7		J	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Copper	108			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Iron	62100			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Lead	132		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Magnesium	8770		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Manganese	763			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Nickel	127			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Potassium	900			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Selenium	6.84		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Silver		U	UJ	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Sodium	226			Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Thallium	6.4		JH	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Vanadium	40.2		J	Y	4
LW-01-COMP2-4-10.2'DL	B171205-DUP1	Zinc	231			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Aluminum	7610		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Antimony	116		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Arsenic	120			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Beryllium	113		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Cadmium	113		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Calcium	64000			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Chromium, Total	289			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Cobalt	110		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Copper	252			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Iron	61100		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Magnesium	9380		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Manganese	974			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LW-01-COMP2-4-10.2'M	B171205-MS1	Nickel	220			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Potassium	2180			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Selenium	120		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Silver	106		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Sodium	360			Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Thallium	117		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Vanadium	147		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MS1	Zinc	320		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Aluminum	8050		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Antimony	157		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Arsenic	116			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Beryllium	113		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Cadmium	112		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Calcium	48400			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Chromium, Total	277			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Cobalt	112		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Copper	303			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Iron	64800		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Magnesium	10200		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Manganese	952			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Nickel	218			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Potassium	2120			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Selenium	119		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Silver	106		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Sodium	476			Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Thallium	116		JH	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Vanadium	148		J	Y	4
LW-01-COMP2-4-10.2'M	B171205-MSD1	Zinc	328		JH	Y	4
B171271-BLK1	B171271-BLK1	Mercury		U		Y	4
B171271-BLK1	B171271-BLK1	Mercury		U		Y	4
B171271-BS1	B171271-BS1	Mercury	0.00198			Y	4
B171271-BS1	B171271-BS1	Mercury	0.00198			Y	4
B171271-BSD1	B171271-BSD1	Mercury	0.00213			Y	4
B171271-BSD1	B171271-BSD1	Mercury	0.00213			Y	4
LRB-01-2-16-17DUP1	B171271-DUP1	Mercury	0.00013			Y	4
LRB-01-2-16-17MS1	B171271-MS1	Mercury	0.00202			Y	4
LW-01-COMP2-4-10.2'DL	B171459-DUP2	Barium	250			Y	4
LW-01-COMP2-4-10.2'DL	B171459-DUP2	Lead	115		J	Y	4
LW-01-COMP2-4-10.2'M	B171459-MS2	Barium	403			Y	4
LW-01-COMP2-4-10.2'M	B171459-MS2	Lead	370		J	Y	4
LW-01-COMP2-4-10.2'M	B171459-MSD2	Barium	338			Y	4
LW-01-COMP2-4-10.2'M	B171459-MSD2	Lead	256		J	Y	4

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
Con-test Analytical Laboratory SDG#17B0591
June 9, 2017
Reissued: June 21, 2017
Sampling date: 2/13/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

683 Northland Ave.
SDG# 17B0591

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package (reissued; June 21, 2107) for LiRo Engineers, project located at 683 Northland Ave., Project #20170105, Con-test Analytical Laboratory, SDG#17B0591, submitted to Vali-Data of WNY, LLC on May 22, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C-D), Mercury (7470A, 7471B) and in accordance with wet chemistry methods.

Results were recorded to the reporting limits, as confirmed by LiRo Engineers.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Bromochloromethane and Methyl Acetate was outside QC limits, high in B170605-BS1/BSD1. The %Rec of 1,2,3-Trichlorobenzene was outside QC limits, high in B170743-BS1/BSD1. These target analytes should be qualified as estimated in the associated samples, if detected.

The %RPD of Bromomethane was outside QC limits between B170743-BS1 and B170743-BSD1 and should be qualified as estimated in the associated samples.

The %Rec of several target analytes was outside QC limits in the laboratory control sample or the duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the RRF of 1,4-Dioxane was outside ASP outer limit in the initial calibration performed on instruments GCMSVOA1 and GCMSVOA2. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Alternate forms of regression were performed on all target analytes whose %RSD >15%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of tert-Butyl alcohol was outside outer ASP QC limits in S013697-CCV1, and should be qualified as estimated in the associated blanks, spikes and samples. The RRF of 1,4-Dioxane was outside outer ASP QC limits in S013631-CCV1 and should be qualified as estimated in the associated blanks, spikes and samples

The %D of 1,2,3-Trichlorobenzene and 1,3,5-Trichlorobenzene was outside QC limits in S013631-CCV1. The %D of Bromochloromethane was outside QC limits in S013697-CCV1. ASP allows for up to two target analytes to be outside QC limits without further action.

The %D of some target analytes was outside laboratory QC limits but was within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Benzidine was outside QC limits, low in B170578-BS1 but within limits in B170578-BSD1, so no further action is required.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Benzidine was outside ASP outer QC limits in in all continuing calibrations. This target analytes should be qualified as estimated in the associated blanks, spikes and samples.

The %D of Benzo(g,h,i)perylene and Dibenz(a,h)anthracene was outside QC limits in S013710-CCV1. The %D of Hexachlorobenzene was outside QC limits in S013711-CCV1. The %D of Hexachlorobenzene was outside QC limits in S013595-CCV1. ASP allows for up to four target analytes to be outside QC limits without further action.

The %D of some target analytes was outside laboratory QC limits but was within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met except the %D between the columns was outside QC limits for Dieldrin in LB-16-Comp1-0-2'. The %D between the columns was outside QC limits for 4,4'-DDE, 4,4'-DDT and Dieldrin in LB-24-Comp1-1-3'. The %D between the columns was outside QC limits for 4,4'-DDE in LB-17-Comp1-1-3'. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration

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- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed on these samples.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, Laboratory Control Samples, MS/MSD/Duplicate and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Mg was detected in B170898-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Pb and Se were detected in B170737-BLK1 above the MDL, below the reporting limit and are qualified as estimated. Hg was detected in B170740-BLK1 and B170741-BLK1 above the MDL, below the reporting limit and is qualified as estimated. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected above the reporting limit should

be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met except the %Rec of Sb was outside ASP QC limits, high in B170898-BS1/BSD1. This target analyte should be qualified as estimated high in the associated laboratory control samples and the associated samples, if detected.

The %Rec of Al and Be was outside QC limits in B170898-BSD1 but within limits in B170898-BS1, so no further action is required.

MS/MSD/DUPLICATE

All criteria were met except the %Rec of K was outside QC limits, high in LB-21-Comp1-0-4'MS. This target analyte should be qualified as estimated high in LB-21-Comp1-0-4' and LB-21-Comp1-0-4'MS, if detected.

The %RPD of Sb, As, Ba and Pb was outside QC limits between LB-21-Comp1-0-4'DUP1 and LB-21-Comp1-0-4'. These target analytes should be qualified as estimated in LB-21-Comp1-0-4'DUP1 and LB-21-Comp1-0-4'.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of As and Ag was outside ASP QC limits, low, in S013856-LCV1. The %Rec of As and Se was outside ASP QC limits, low in S013857-LCV1. The %Rec of As and Ag was outside ASP QC limits, low in S013856-LCV1. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids
- Cyanide

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

%SOLIDS

All criteria were met.

CYANIDE

All criteria were met.

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170898-BLK1	B170898-BLK1	Aluminum		U		Y	4
B170898-BS1	B170898-BS1	Aluminum	5700			Y	4
B170898-BSD1	B170898-BSD1	Aluminum	5470			Y	4
LB-16-COMP1-0-2'	17B0591-01	Aluminum	13000			Y	4
LB-17-COMP1-1-3'	17B0591-02	Aluminum	12000			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Aluminum	14000			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Aluminum	13000			Y	4
LB-20-COMP1-0-4'	17B0591-04	Aluminum	12000			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Aluminum	5690			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Aluminum	4760			Y	4
LB-24-COMP1-1-3'	17B0591-05	Aluminum	15000			Y	4
B170898-BLK1	B170898-BLK1	Antimony		U		Y	4
B170898-BS1	B170898-BS1	Antimony	164		JH	Y	4
B170898-BSD1	B170898-BSD1	Antimony	160		JH	Y	4
LB-16-COMP1-0-2'	17B0591-01	Antimony	5.9		JH	Y	4
LB-17-COMP1-1-3'	17B0591-02	Antimony	5.8		JH	Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Antimony	31		JH	Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Antimony	28		JH	Y	4
LB-20-COMP1-0-4'	17B0591-04	Antimony		U		Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Antimony	76.4		J	Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Antimony	224			Y	4
LB-24-COMP1-1-3'	17B0591-05	Antimony	7.6			Y	4
B170737-BLK1	B170737-BLK1	Arsenic		U	UJ	Y	4
B170737-BS1	B170737-BS1	Arsenic	0.535		J	Y	4
B170737-BSD1	B170737-BSD1	Arsenic	0.539		J	Y	4
B170898-BLK1	B170898-BLK1	Arsenic		U	UJ	Y	4
B170898-BS1	B170898-BS1	Arsenic	69.7		J	Y	4
B170898-BSD1	B170898-BSD1	Arsenic	62.7		J	Y	4
LB-16-COMP1-0-2'	17B0591-01	Arsenic	6		J	Y	4
LB-17-COMP1-1-3'	17B0591-02	Arsenic	7.7		J	Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Arsenic	14		J	Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Arsenic	13		J	Y	4
LB-20-COMP1-0-4'	17B0591-04	Arsenic	6		J	Y	4
LB-21-COMP1-0-4'	17B0591-07	Arsenic		U	UJ	Y	4
LB-21-COMP1-0-4'	17B0591-07	Arsenic	30		J	Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Arsenic	24.3		J	Y	4
LB-21-COMP1-0-4'MS1	B170737-MS1	Arsenic	0.548		J	Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Arsenic	147		J	Y	4
LB-22-COMP1-0-4'	17B0591-09	Arsenic		U	UJ	Y	4
LB-22-COMP1-0-4'	17B0591-09	Arsenic	14		J	Y	4
LB-23-COMP1-0-4'	17B0591-10	Arsenic	0.01		J	Y	4
LB-23-COMP1-0-4'	17B0591-10	Arsenic	12		J	Y	4
LB-24-COMP1-1-3'	17B0591-05	Arsenic		U	UJ	Y	4
B170737-BLK1	B170737-BLK1	Barium		U		Y	4
B170737-BS1	B170737-BS1	Barium	0.502			Y	4
B170737-BSD1	B170737-BSD1	Barium	0.512			Y	4
B170898-BLK1	B170898-BLK1	Barium		U		Y	4
B170898-BS1	B170898-BS1	Barium	114			Y	4
B170898-BSD1	B170898-BSD1	Barium	107			Y	4
LB-16-COMP1-0-2'	17B0591-01	Barium	78			Y	4
LB-17-COMP1-1-3'	17B0591-02	Barium	95			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Barium	110			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Barium	120			Y	4
LB-20-COMP1-0-4'	17B0591-04	Barium	96			Y	4
LB-21-COMP1-0-4'	17B0591-07	Barium	0.31			Y	4
LB-21-COMP1-0-4'	17B0591-07	Barium	140		J	Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Barium	106		J	Y	4
LB-21-COMP1-0-4'MS1	B170737-MS1	Barium	0.804			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Barium	233			Y	4
LB-22-COMP1-0-4'	17B0591-09	Barium	0.3			Y	4
LB-22-COMP1-0-4'	17B0591-09	Barium	110			Y	4
LB-23-COMP1-0-4'	17B0591-10	Barium	0.5			Y	4
LB-23-COMP1-0-4'	17B0591-10	Barium	98			Y	4
LB-24-COMP1-1-3'	17B0591-05	Barium	140			Y	4
B170898-BLK1	B170898-BLK1	Beryllium		U		Y	4
B170898-BS1	B170898-BS1	Beryllium	78.4			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170898-BSD1	B170898-BSD1	Beryllium	89.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	Beryllium	0.91			Y	4
LB-17-COMP1-1-3'	17B0591-02	Beryllium	0.86			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Beryllium	1.2			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Beryllium	0.89			Y	4
LB-20-COMP1-0-4'	17B0591-04	Beryllium	0.95			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Beryllium	0.549			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Beryllium	123			Y	4
LB-24-COMP1-1-3'	17B0591-05	Beryllium	2.6			Y	4
B170737-BLK1	B170737-BLK1	Cadmium		U		Y	4
B170737-BS1	B170737-BS1	Cadmium	0.529			Y	4
B170737-BSD1	B170737-BSD1	Cadmium	0.538			Y	4
B170898-BLK1	B170898-BLK1	Cadmium		U		Y	4
B170898-BS1	B170898-BS1	Cadmium	83.4			Y	4
B170898-BSD1	B170898-BSD1	Cadmium	84.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	Cadmium		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Cadmium		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Cadmium		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Cadmium		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Cadmium		U		Y	4
LB-21-COMP1-0-4'	17B0591-07	Cadmium		U		Y	4
LB-21-COMP1-0-4'	17B0591-07	Cadmium		U		Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Cadmium		U		Y	4
LB-21-COMP1-0-4'MS1	B170737-MS1	Cadmium	0.545			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Cadmium	113			Y	4
LB-22-COMP1-0-4'	17B0591-09	Cadmium		U		Y	4
LB-22-COMP1-0-4'	17B0591-09	Cadmium	0.29			Y	4
LB-23-COMP1-0-4'	17B0591-10	Cadmium		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Cadmium		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Cadmium		U		Y	4
B170898-BLK1	B170898-BLK1	Calcium		U		Y	4
B170898-BS1	B170898-BS1	Calcium	6890			Y	4
B170898-BSD1	B170898-BSD1	Calcium	6680			Y	4
LB-16-COMP1-0-2'	17B0591-01	Calcium	82000	D		Y	4
LB-17-COMP1-1-3'	17B0591-02	Calcium	19000			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Calcium	20000			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Calcium	27000			Y	4
LB-20-COMP1-0-4'	17B0591-04	Calcium	26000			Y	4
LB-24-COMP1-1-3'	17B0591-05	Calcium	150000	D		Y	4
B170737-BLK1	B170737-BLK1	Chromium, Total		U		Y	4
B170737-BS1	B170737-BS1	Chromium, Total	0.487			Y	4
B170737-BSD1	B170737-BSD1	Chromium, Total	0.497			Y	4
B170898-BLK1	B170898-BLK1	Chromium, Total		U		Y	4
B170898-BS1	B170898-BS1	Chromium, Total	67.5			Y	4
B170898-BSD1	B170898-BSD1	Chromium, Total	64.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	Chromium, Total	17			Y	4
LB-17-COMP1-1-3'	17B0591-02	Chromium, Total	17			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chromium, Total	18			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Chromium, Total	22			Y	4
LB-20-COMP1-0-4'	17B0591-04	Chromium, Total	17			Y	4
LB-21-COMP1-0-4'	17B0591-07	Chromium, Total		U		Y	4
LB-21-COMP1-0-4'	17B0591-07	Chromium, Total	33			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Chromium, Total	27.4			Y	4
LB-21-COMP1-0-4'MS1	B170737-MS1	Chromium, Total	0.489			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Chromium, Total	143			Y	4
LB-22-COMP1-0-4'	17B0591-09	Chromium, Total		U		Y	4
LB-22-COMP1-0-4'	17B0591-09	Chromium, Total	26			Y	4
LB-23-COMP1-0-4'	17B0591-10	Chromium, Total		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Chromium, Total	17			Y	4
LB-24-COMP1-1-3'	17B0591-05	Chromium, Total	14			Y	4
B170898-BLK1	B170898-BLK1	Cobalt		U		Y	4
B170898-BS1	B170898-BS1	Cobalt	63.2			Y	4
B170898-BSD1	B170898-BSD1	Cobalt	62.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	Cobalt	8.1			Y	4
LB-17-COMP1-1-3'	17B0591-02	Cobalt	19			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Cobalt	14			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-19-COMP2-5.4-7'	17B0591-06	Cobalt	14			Y	4
LB-20-COMP1-0-4'	17B0591-04	Cobalt	9			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Cobalt	10.1			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Cobalt	117			Y	4
LB-24-COMP1-1-3'	17B0591-05	Cobalt		U		Y	4
B170898-BLK1	B170898-BLK1	Copper		U		Y	4
B170898-BS1	B170898-BS1	Copper	61.4			Y	4
B170898-BSD1	B170898-BSD1	Copper	60.7			Y	4
LB-16-COMP1-0-2'	17B0591-01	Copper	16			Y	4
LB-17-COMP1-1-3'	17B0591-02	Copper	20			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Copper	50			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Copper	45			Y	4
LB-20-COMP1-0-4'	17B0591-04	Copper	19			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Copper	162			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Copper	311			Y	4
LB-24-COMP1-1-3'	17B0591-05	Copper	17			Y	4
B170898-BLK1	B170898-BLK1	Iron		U		Y	4
B170898-BS1	B170898-BS1	Iron	13000			Y	4
B170898-BSD1	B170898-BSD1	Iron	12100			Y	4
LB-16-COMP1-0-2'	17B0591-01	Iron	23000	D		Y	4
LB-17-COMP1-1-3'	17B0591-02	Iron	33000	D		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Iron	50000	D		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Iron	53000	D		Y	4
LB-20-COMP1-0-4'	17B0591-04	Iron	26000	D		Y	4
LB-24-COMP1-1-3'	17B0591-05	Iron	12000	D		Y	4
B170737-BLK1	B170737-BLK1	Lead		U		Y	4
B170737-BS1	B170737-BS1	Lead	0.476			Y	4
B170737-BSD1	B170737-BSD1	Lead	0.485			Y	4
B170898-BLK1	B170898-BLK1	Lead		U		Y	4
B170898-BS1	B170898-BS1	Lead	94.4			Y	4
B170898-BSD1	B170898-BSD1	Lead	87.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	Lead	16			Y	4
LB-17-COMP1-1-3'	17B0591-02	Lead	83			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Lead	240			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Lead	160			Y	4
LB-20-COMP1-0-4'	17B0591-04	Lead	43			Y	4
LB-21-COMP1-0-4'	17B0591-07	Lead	0.28		JH	Y	4
LB-21-COMP1-0-4'	17B0591-07	Lead	770		J	Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Lead	989		J	Y	4
LB-21-COMP1-0-4'MS1	B170737-MS1	Lead	0.744			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Lead	1010			Y	4
LB-22-COMP1-0-4'	17B0591-09	Lead	0.046		JH	Y	4
LB-22-COMP1-0-4'	17B0591-09	Lead	880			Y	4
LB-23-COMP1-0-4'	17B0591-10	Lead	0.51		JH	Y	4
LB-23-COMP1-0-4'	17B0591-10	Lead	110			Y	4
LB-24-COMP1-1-3'	17B0591-05	Lead	34			Y	4
B170898-BLK1	B170898-BLK1	Magnesium		U		Y	4
B170898-BS1	B170898-BS1	Magnesium	2410			Y	4
B170898-BSD1	B170898-BSD1	Magnesium	2290			Y	4
LB-16-COMP1-0-2'	17B0591-01	Magnesium	20000	D	JH	Y	4
LB-17-COMP1-1-3'	17B0591-02	Magnesium	6700	D	JH	Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Magnesium	7900	D	JH	Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Magnesium	11000	D	JH	Y	4
LB-20-COMP1-0-4'	17B0591-04	Magnesium	7100	D	JH	Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Magnesium	4280			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Magnesium	4450			Y	4
LB-24-COMP1-1-3'	17B0591-05	Magnesium	12000	D		Y	4
B170898-BLK1	B170898-BLK1	Manganese		U		Y	4
B170898-BS1	B170898-BS1	Manganese	273			Y	4
B170898-BSD1	B170898-BSD1	Manganese	265			Y	4
LB-16-COMP1-0-2'	17B0591-01	Manganese	520			Y	4
LB-17-COMP1-1-3'	17B0591-02	Manganese	600			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Manganese	820			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Manganese	730			Y	4
LB-20-COMP1-0-4'	17B0591-04	Manganese	360			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Manganese	608			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-21-COMP1-0-4'MS1	B170898-MS1	Manganese	800			Y	4
LB-24-COMP1-1-3'	17B0591-05	Manganese	1500			Y	4
B170898-BLK1	B170898-BLK1	Nickel		U		Y	4
B170898-BS1	B170898-BS1	Nickel	66.8			Y	4
B170898-BSD1	B170898-BSD1	Nickel	64.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	Nickel	17			Y	4
LB-17-COMP1-1-3'	17B0591-02	Nickel	18			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Nickel	18			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Nickel	25			Y	4
LB-20-COMP1-0-4'	17B0591-04	Nickel	16			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Nickel	22.8			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Nickel	128			Y	4
LB-24-COMP1-1-3'	17B0591-05	Nickel	8.5			Y	4
B170898-BLK1	B170898-BLK1	Potassium		U		Y	4
B170898-BS1	B170898-BS1	Potassium	2370			Y	4
B170898-BSD1	B170898-BSD1	Potassium	2230			Y	4
LB-16-COMP1-0-2'	17B0591-01	Potassium	1400			Y	4
LB-17-COMP1-1-3'	17B0591-02	Potassium	1300			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Potassium	1100			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Potassium	1300			Y	4
LB-20-COMP1-0-4'	17B0591-04	Potassium	1200			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Potassium	844			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Potassium	2200		JH	Y	4
LB-24-COMP1-1-3'	17B0591-05	Potassium	1600			Y	4
B170737-BLK1	B170737-BLK1	Selenium		U	UJ	Y	4
B170737-BS1	B170737-BS1	Selenium	0.598		J	Y	4
B170737-BSD1	B170737-BSD1	Selenium	0.595		J	Y	4
B170898-BLK1	B170898-BLK1	Selenium		U		Y	4
B170898-BS1	B170898-BS1	Selenium	88.1			Y	4
B170898-BSD1	B170898-BSD1	Selenium	85.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	Selenium	4.7	J		Y	4
LB-17-COMP1-1-3'	17B0591-02	Selenium		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Selenium		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Selenium		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Selenium		U		Y	4
LB-21-COMP1-0-4'	17B0591-07	Selenium	0.12		JH	Y	4
LB-21-COMP1-0-4'	17B0591-07	Selenium	4	J		Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Selenium	5.11	J		Y	4
LB-21-COMP1-0-4'MS1	B170737-MS1	Selenium	0.687		J	Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Selenium	120			Y	4
LB-22-COMP1-0-4'	17B0591-09	Selenium	0.14		JH	Y	4
LB-22-COMP1-0-4'	17B0591-09	Selenium	4.5	J		Y	4
LB-23-COMP1-0-4'	17B0591-10	Selenium	0.14		JH	Y	4
LB-23-COMP1-0-4'	17B0591-10	Selenium		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Selenium		U		Y	4
B170737-BLK1	B170737-BLK1	Silver		U		Y	4
B170737-BS1	B170737-BS1	Silver	0.489			Y	4
B170737-BSD1	B170737-BSD1	Silver	0.5			Y	4
B170898-BLK1	B170898-BLK1	Silver		U	UJ	Y	4
B170898-BS1	B170898-BS1	Silver	57.3		J	Y	4
B170898-BSD1	B170898-BSD1	Silver	56		J	Y	4
LB-16-COMP1-0-2'	17B0591-01	Silver		U	UJ	Y	4
LB-17-COMP1-1-3'	17B0591-02	Silver		U	UJ	Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Silver		U	UJ	Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Silver	0.7		J	Y	4
LB-20-COMP1-0-4'	17B0591-04	Silver		U	UJ	Y	4
LB-21-COMP1-0-4'	17B0591-07	Silver		U		Y	4
LB-21-COMP1-0-4'	17B0591-07	Silver		U	UJ	Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Silver		U	UJ	Y	4
LB-21-COMP1-0-4'MS1	B170737-MS1	Silver	0.482			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Silver	113		J	Y	4
LB-22-COMP1-0-4'	17B0591-09	Silver		U		Y	4
LB-22-COMP1-0-4'	17B0591-09	Silver	2.8			Y	4
LB-23-COMP1-0-4'	17B0591-10	Silver		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Silver		U	UJ	Y	4
LB-24-COMP1-1-3'	17B0591-05	Silver		U	UJ	Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170898-BLK1	B170898-BLK1	Sodium		U		Y	4
B170898-BS1	B170898-BS1	Sodium	893			Y	4
B170898-BSD1	B170898-BSD1	Sodium	886			Y	4
LB-16-COMP1-0-2'	17B0591-01	Sodium	330			Y	4
LB-17-COMP1-1-3'	17B0591-02	Sodium	260			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Sodium	270			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Sodium	200			Y	4
LB-20-COMP1-0-4'	17B0591-04	Sodium	160			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Sodium	346			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Sodium	512			Y	4
LB-24-COMP1-1-3'	17B0591-05	Sodium	470			Y	4
B170898-BLK1	B170898-BLK1	Thallium		U		Y	4
B170898-BS1	B170898-BS1	Thallium	194			Y	4
B170898-BSD1	B170898-BSD1	Thallium	192			Y	4
LB-16-COMP1-0-2'	17B0591-01	Thallium		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Thallium		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Thallium		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Thallium		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Thallium		U		Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Thallium	16			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Thallium	122			Y	4
LB-24-COMP1-1-3'	17B0591-05	Thallium		U		Y	4
B170898-BLK1	B170898-BLK1	Vanadium		U		Y	4
B170898-BS1	B170898-BS1	Vanadium	57.2			Y	4
B170898-BSD1	B170898-BSD1	Vanadium	51.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	Vanadium	21			Y	4
LB-17-COMP1-1-3'	17B0591-02	Vanadium	24			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Vanadium	23			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Vanadium	23			Y	4
LB-20-COMP1-0-4'	17B0591-04	Vanadium	24			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Vanadium	36			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Vanadium	146			Y	4
LB-24-COMP1-1-3'	17B0591-05	Vanadium	9.1			Y	4
B170898-BLK1	B170898-BLK1	Zinc		U		Y	4
B170898-BS1	B170898-BS1	Zinc	223			Y	4
B170898-BSD1	B170898-BSD1	Zinc	215			Y	4
LB-16-COMP1-0-2'	17B0591-01	Zinc	61			Y	4
LB-17-COMP1-1-3'	17B0591-02	Zinc	61			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Zinc	100			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Zinc	130			Y	4
LB-20-COMP1-0-4'	17B0591-04	Zinc	78			Y	4
LB-21-COMP1-0-4'DUP1	B170898-DUP1	Zinc	56.3			Y	4
LB-21-COMP1-0-4'MS1	B170898-MS1	Zinc	165			Y	4
LB-24-COMP1-1-3'	17B0591-05	Zinc	48			Y	4
B170740-BLK1	B170740-BLK1	Mercury		U		Y	4
B170740-BS1	B170740-BS1	Mercury	0.00201			Y	4
B170740-BSD1	B170740-BSD1	Mercury	0.00184			Y	4
B170901-BLK1	B170901-BLK1	Mercury		U		Y	4
B170901-BS1	B170901-BS1	Mercury	11.8	D		Y	4
B170901-BSD1	B170901-BSD1	Mercury	9.24	D		Y	4
LB-16-COMP1-0-2'	17B0591-01	Mercury		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Mercury	0.037			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Mercury	0.062			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Mercury	0.049			Y	4
LB-20-COMP1-0-4'	17B0591-04	Mercury	0.047			Y	4
LB-21-COMP1-0-4'	17B0591-07	Mercury		U		Y	4
LB-21-COMP1-0-4'	17B0591-07	Mercury	0.066		JH	Y	4
LB-21-COMP1-0-4'MS1	B170740-MS1	Mercury	0.0019			Y	4
LB-22-COMP1-0-4'	17B0591-09	Mercury		U		Y	4
LB-22-COMP1-0-4'	17B0591-09	Mercury	0.11		JH	Y	4
LB-23-COMP1-0-4'	17B0591-10	Mercury		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Mercury	0.058		JH	Y	4
LB-24-COMP1-1-3'	17B0591-05	Mercury	0.032			Y	4
B170579-BLK1	B170579-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	85.1			Y	4
B170579-BLK1	B170579-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	89.2			Y	4
B170579-BS1	B170579-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	89.6			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170579-BS1	B170579-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	92.4			Y	4
B170579-BSD1	B170579-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	91.4			Y	4
B170579-BSD1	B170579-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	93.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4,5,6-Tetrachloro-Meta-Xylene	73.5			Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4,5,6-Tetrachloro-Meta-Xylene	78.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4,5,6-Tetrachloro-Meta-Xylene	75.6			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4,5,6-Tetrachloro-Meta-Xylene	74.4			Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4,5,6-Tetrachloro-Meta-Xylene	80.8			Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4,5,6-Tetrachloro-Meta-Xylene	76.3			Y	4
B170579-BLK1	B170579-BLK1	Alachlor		U		Y	4
B170579-BLK1	B170579-BLK1	Alachlor		U		Y	4
B170579-BS1	B170579-BS1	Alachlor	0.1			Y	4
B170579-BS1	B170579-BS1	Alachlor	0.1			Y	4
B170579-BSD1	B170579-BSD1	Alachlor	0.1			Y	4
B170579-BSD1	B170579-BSD1	Alachlor	0.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	Alachlor		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Alachlor		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Alachlor		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Alachlor		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Alachlor		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Alachlor		U		Y	4
B170579-BLK1	B170579-BLK1	Aldrin		U		Y	4
B170579-BLK1	B170579-BLK1	Aldrin		U		Y	4
B170579-BS1	B170579-BS1	Aldrin	0.09			Y	4
B170579-BS1	B170579-BS1	Aldrin	0.092			Y	4
B170579-BSD1	B170579-BSD1	Aldrin	0.092			Y	4
B170579-BSD1	B170579-BSD1	Aldrin	0.094			Y	4
LB-16-COMP1-0-2'	17B0591-01	Aldrin		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Aldrin		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Aldrin		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Aldrin		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Aldrin		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Aldrin		U		Y	4
B170579-BLK1	B170579-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170579-BLK1	B170579-BLK1	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170579-BS1	B170579-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.088			Y	4
B170579-BS1	B170579-BS1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.092			Y	4
B170579-BSD1	B170579-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.09			Y	4
B170579-BSD1	B170579-BSD1	Alpha Bhc (Alpha Hexachlorocyclohexane)	0.093			Y	4
LB-16-COMP1-0-2'	17B0591-01	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Alpha Bhc (Alpha Hexachlorocyclohexane)		U		Y	4
B170579-BLK1	B170579-BLK1	Alpha Endosulfan		U		Y	4
B170579-BLK1	B170579-BLK1	Alpha Endosulfan		U		Y	4
B170579-BS1	B170579-BS1	Alpha Endosulfan	0.088			Y	4
B170579-BS1	B170579-BS1	Alpha Endosulfan	0.091			Y	4
B170579-BSD1	B170579-BSD1	Alpha Endosulfan	0.09			Y	4
B170579-BSD1	B170579-BSD1	Alpha Endosulfan	0.093			Y	4
LB-16-COMP1-0-2'	17B0591-01	Alpha Endosulfan		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Alpha Endosulfan		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Alpha Endosulfan		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Alpha Endosulfan		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Alpha Endosulfan		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Alpha Endosulfan		U		Y	4
B170579-BLK1	B170579-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170579-BLK1	B170579-BLK1	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170579-BS1	B170579-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.086			Y	4
B170579-BS1	B170579-BS1	Beta Bhc (Beta Hexachlorocyclohexane)	0.089			Y	4
B170579-BSD1	B170579-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.088			Y	4
B170579-BSD1	B170579-BSD1	Beta Bhc (Beta Hexachlorocyclohexane)	0.091			Y	4
LB-16-COMP1-0-2'	17B0591-01	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-19-COMP2-5.4-7'	17B0591-06	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Beta Bhc (Beta Hexachlorocyclohexane)		U		Y	4
B170579-BLK1	B170579-BLK1	Beta Endosulfan		U		Y	4
B170579-BLK1	B170579-BLK1	Beta Endosulfan		U		Y	4
B170579-BS1	B170579-BS1	Beta Endosulfan	0.091			Y	4
B170579-BS1	B170579-BS1	Beta Endosulfan	0.093			Y	4
B170579-BSD1	B170579-BSD1	Beta Endosulfan	0.093			Y	4
B170579-BSD1	B170579-BSD1	Beta Endosulfan	0.095			Y	4
LB-16-COMP1-0-2'	17B0591-01	Beta Endosulfan		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Beta Endosulfan		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Beta Endosulfan		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Beta Endosulfan		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Beta Endosulfan		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Beta Endosulfan		U		Y	4
B170579-BLK1	B170579-BLK1	Chlordane		U		Y	4
B170579-BLK1	B170579-BLK1	Chlordane		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	Chlordane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Chlordane	0.05			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chlordane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Chlordane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Chlordane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Chlordane		U		Y	4
B170579-BLK1	B170579-BLK1	cis-Chlordane		U		Y	4
B170579-BLK1	B170579-BLK1	cis-Chlordane		U		Y	4
B170579-BS1	B170579-BS1	cis-Chlordane	0.089			Y	4
B170579-BS1	B170579-BS1	cis-Chlordane	0.093			Y	4
B170579-BSD1	B170579-BSD1	cis-Chlordane	0.091			Y	4
B170579-BSD1	B170579-BSD1	cis-Chlordane	0.095			Y	4
B170579-BLK1	B170579-BLK1	Decachlorobiphenyl (PCB 209)	91.6			Y	4
B170579-BLK1	B170579-BLK1	Decachlorobiphenyl (PCB 209)	89.8			Y	4
B170579-BS1	B170579-BS1	Decachlorobiphenyl (PCB 209)	98.5			Y	4
B170579-BS1	B170579-BS1	Decachlorobiphenyl (PCB 209)	99			Y	4
B170579-BSD1	B170579-BSD1	Decachlorobiphenyl (PCB 209)	99.3			Y	4
B170579-BSD1	B170579-BSD1	Decachlorobiphenyl (PCB 209)	99.7			Y	4
LB-16-COMP1-0-2'	17B0591-01	Decachlorobiphenyl (PCB 209)	70.8			Y	4
LB-17-COMP1-1-3'	17B0591-02	Decachlorobiphenyl (PCB 209)	74.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Decachlorobiphenyl (PCB 209)	77			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Decachlorobiphenyl (PCB 209)	79.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	Decachlorobiphenyl (PCB 209)	78.4			Y	4
LB-24-COMP1-1-3'	17B0591-05	Decachlorobiphenyl (PCB 209)	79.5			Y	4
B170579-BLK1	B170579-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170579-BLK1	B170579-BLK1	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170579-BS1	B170579-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.07			Y	4
B170579-BS1	B170579-BS1	Delta BHC (Delta Hexachlorocyclohexane)	0.072			Y	4
B170579-BSD1	B170579-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.075			Y	4
B170579-BSD1	B170579-BSD1	Delta BHC (Delta Hexachlorocyclohexane)	0.078			Y	4
LB-16-COMP1-0-2'	17B0591-01	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Delta BHC (Delta Hexachlorocyclohexane)		U		Y	4
B170579-BLK1	B170579-BLK1	Dieldrin		U		Y	4
B170579-BLK1	B170579-BLK1	Dieldrin		U		Y	4
B170579-BS1	B170579-BS1	Dieldrin	0.089			Y	4
B170579-BS1	B170579-BS1	Dieldrin	0.088			Y	4
B170579-BSD1	B170579-BSD1	Dieldrin	0.092			Y	4
B170579-BSD1	B170579-BSD1	Dieldrin	0.089			Y	4
LB-16-COMP1-0-2'	17B0591-01	Dieldrin	0.019		J	Y	4
LB-17-COMP1-1-3'	17B0591-02	Dieldrin		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Dieldrin		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Dieldrin		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Dieldrin		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Dieldrin	0.0073		J	Y	4
B170579-BLK1	B170579-BLK1	Endosulfan Sulfate		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170579-BLK1	B170579-BLK1	Endosulfan Sulfate		U		Y	4
B170579-BS1	B170579-BS1	Endosulfan Sulfate	0.092			Y	4
B170579-BS1	B170579-BS1	Endosulfan Sulfate	0.092			Y	4
B170579-BSD1	B170579-BSD1	Endosulfan Sulfate	0.094			Y	4
B170579-BSD1	B170579-BSD1	Endosulfan Sulfate	0.095			Y	4
LB-16-COMP1-0-2'	17B0591-01	Endosulfan Sulfate		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Endosulfan Sulfate		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Endosulfan Sulfate		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Endosulfan Sulfate		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Endosulfan Sulfate		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Endosulfan Sulfate		U		Y	4
B170579-BLK1	B170579-BLK1	Endrin		U		Y	4
B170579-BLK1	B170579-BLK1	Endrin		U		Y	4
B170579-BS1	B170579-BS1	Endrin	0.09			Y	4
B170579-BS1	B170579-BS1	Endrin	0.092			Y	4
B170579-BSD1	B170579-BSD1	Endrin	0.092			Y	4
B170579-BSD1	B170579-BSD1	Endrin	0.094			Y	4
LB-16-COMP1-0-2'	17B0591-01	Endrin		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Endrin		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Endrin		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Endrin		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Endrin		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Endrin		U		Y	4
B170579-BLK1	B170579-BLK1	Endrin Aldehyde		U		Y	4
B170579-BLK1	B170579-BLK1	Endrin Aldehyde		U		Y	4
B170579-BS1	B170579-BS1	Endrin Aldehyde	0.088			Y	4
B170579-BS1	B170579-BS1	Endrin Aldehyde	0.09			Y	4
B170579-BSD1	B170579-BSD1	Endrin Aldehyde	0.09			Y	4
B170579-BSD1	B170579-BSD1	Endrin Aldehyde	0.092			Y	4
LB-16-COMP1-0-2'	17B0591-01	Endrin Aldehyde		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Endrin Aldehyde		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Endrin Aldehyde		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Endrin Aldehyde		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Endrin Aldehyde		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Endrin Aldehyde		U		Y	4
B170579-BLK1	B170579-BLK1	Endrin Ketone		U		Y	4
B170579-BLK1	B170579-BLK1	Endrin Ketone		U		Y	4
B170579-BS1	B170579-BS1	Endrin Ketone	0.096			Y	4
B170579-BS1	B170579-BS1	Endrin Ketone	0.098			Y	4
B170579-BSD1	B170579-BSD1	Endrin Ketone	0.099			Y	4
B170579-BSD1	B170579-BSD1	Endrin Ketone	0.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	Endrin Ketone		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Endrin Ketone		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Endrin Ketone		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Endrin Ketone		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Endrin Ketone		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Endrin Ketone		U		Y	4
B170579-BLK1	B170579-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170579-BLK1	B170579-BLK1	Gamma Bhc (Lindane)		U		Y	4
B170579-BS1	B170579-BS1	Gamma Bhc (Lindane)	0.089			Y	4
B170579-BS1	B170579-BS1	Gamma Bhc (Lindane)	0.093			Y	4
B170579-BSD1	B170579-BSD1	Gamma Bhc (Lindane)	0.092			Y	4
B170579-BSD1	B170579-BSD1	Gamma Bhc (Lindane)	0.095			Y	4
LB-16-COMP1-0-2'	17B0591-01	Gamma Bhc (Lindane)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Gamma Bhc (Lindane)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Gamma Bhc (Lindane)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Gamma Bhc (Lindane)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Gamma Bhc (Lindane)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Gamma Bhc (Lindane)		U		Y	4
B170579-BLK1	B170579-BLK1	Heptachlor		U		Y	4
B170579-BLK1	B170579-BLK1	Heptachlor		U		Y	4
B170579-BS1	B170579-BS1	Heptachlor	0.086			Y	4
B170579-BS1	B170579-BS1	Heptachlor	0.091			Y	4
B170579-BSD1	B170579-BSD1	Heptachlor	0.088			Y	4
B170579-BSD1	B170579-BSD1	Heptachlor	0.093			Y	4
LB-16-COMP1-0-2'	17B0591-01	Heptachlor		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-17-COMP1-1-3'	17B0591-02	Heptachlor		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Heptachlor		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Heptachlor		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Heptachlor		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Heptachlor		U		Y	4
B170579-BLK1	B170579-BLK1	Heptachlor Epoxide		U		Y	4
B170579-BLK1	B170579-BLK1	Heptachlor Epoxide		U		Y	4
B170579-BS1	B170579-BS1	Heptachlor Epoxide	0.088			Y	4
B170579-BS1	B170579-BS1	Heptachlor Epoxide	0.089			Y	4
B170579-BSD1	B170579-BSD1	Heptachlor Epoxide	0.09			Y	4
B170579-BSD1	B170579-BSD1	Heptachlor Epoxide	0.091			Y	4
LB-16-COMP1-0-2'	17B0591-01	Heptachlor Epoxide		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Heptachlor Epoxide		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Heptachlor Epoxide		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Heptachlor Epoxide		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Heptachlor Epoxide		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Heptachlor Epoxide		U		Y	4
B170579-BLK1	B170579-BLK1	Hexachlorobenzene		U		Y	4
B170579-BLK1	B170579-BLK1	Hexachlorobenzene		U		Y	4
B170579-BS1	B170579-BS1	Hexachlorobenzene	0.085			Y	4
B170579-BS1	B170579-BS1	Hexachlorobenzene	0.088			Y	4
B170579-BSD1	B170579-BSD1	Hexachlorobenzene	0.088			Y	4
B170579-BSD1	B170579-BSD1	Hexachlorobenzene	0.091			Y	4
LB-16-COMP1-0-2'	17B0591-01	Hexachlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Hexachlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Hexachlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Hexachlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Hexachlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Hexachlorobenzene		U		Y	4
B170579-BLK1	B170579-BLK1	Methoxychlor		U		Y	4
B170579-BLK1	B170579-BLK1	Methoxychlor		U		Y	4
B170579-BS1	B170579-BS1	Methoxychlor	0.085			Y	4
B170579-BS1	B170579-BS1	Methoxychlor	0.085			Y	4
B170579-BSD1	B170579-BSD1	Methoxychlor	0.088			Y	4
B170579-BSD1	B170579-BSD1	Methoxychlor	0.089			Y	4
LB-16-COMP1-0-2'	17B0591-01	Methoxychlor		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Methoxychlor		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Methoxychlor		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Methoxychlor		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Methoxychlor		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Methoxychlor		U		Y	4
B170579-BLK1	B170579-BLK1	P,P'-DDD		U		Y	4
B170579-BLK1	B170579-BLK1	P,P'-DDD		U		Y	4
B170579-BS1	B170579-BS1	P,P'-DDD	0.095			Y	4
B170579-BS1	B170579-BS1	P,P'-DDD	0.095			Y	4
B170579-BSD1	B170579-BSD1	P,P'-DDD	0.098			Y	4
B170579-BSD1	B170579-BSD1	P,P'-DDD	0.098			Y	4
LB-16-COMP1-0-2'	17B0591-01	P,P'-DDD		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	P,P'-DDD		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	P,P'-DDD		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	P,P'-DDD		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	P,P'-DDD		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	P,P'-DDD		U		Y	4
B170579-BLK1	B170579-BLK1	P,P'-DDE		U		Y	4
B170579-BLK1	B170579-BLK1	P,P'-DDE		U		Y	4
B170579-BS1	B170579-BS1	P,P'-DDE	0.095			Y	4
B170579-BS1	B170579-BS1	P,P'-DDE	0.095			Y	4
B170579-BSD1	B170579-BSD1	P,P'-DDE	0.098			Y	4
B170579-BSD1	B170579-BSD1	P,P'-DDE	0.097			Y	4
LB-16-COMP1-0-2'	17B0591-01	P,P'-DDE	0.013			Y	4
LB-17-COMP1-1-3'	17B0591-02	P,P'-DDE	0.0072		J	Y	4
LB-19-COMP1-0-5.4'	17B0591-03	P,P'-DDE		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	P,P'-DDE		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	P,P'-DDE		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	P,P'-DDE	0.01		J	Y	4
B170579-BLK1	B170579-BLK1	P,P'-DDT		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170579-BLK1	B170579-BLK1	P,P'-DDT		U		Y	4
B170579-BS1	B170579-BS1	P,P'-DDT	0.089			Y	4
B170579-BS1	B170579-BS1	P,P'-DDT	0.085			Y	4
B170579-BSD1	B170579-BSD1	P,P'-DDT	0.092			Y	4
B170579-BSD1	B170579-BSD1	P,P'-DDT	0.088			Y	4
LB-16-COMP1-0-2'	17B0591-01	P,P'-DDT		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	P,P'-DDT		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	P,P'-DDT		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	P,P'-DDT	0.0044			Y	4
LB-20-COMP1-0-4'	17B0591-04	P,P'-DDT		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	P,P'-DDT	0.0095		J	Y	4
B170579-BLK1	B170579-BLK1	Toxaphene		U		Y	4
B170579-BLK1	B170579-BLK1	Toxaphene		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	Toxaphene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Toxaphene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Toxaphene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Toxaphene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Toxaphene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Toxaphene		U		Y	4
B170579-BLK1	B170579-BLK1	trans-Chlordane		U		Y	4
B170579-BLK1	B170579-BLK1	trans-Chlordane		U		Y	4
B170579-BS1	B170579-BS1	trans-Chlordane	0.086			Y	4
B170579-BS1	B170579-BS1	trans-Chlordane	0.094			Y	4
B170579-BSD1	B170579-BSD1	trans-Chlordane	0.088			Y	4
B170579-BSD1	B170579-BSD1	trans-Chlordane	0.096			Y	4
B170581-BLK1	B170581-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	85.2			Y	4
B170581-BLK1	B170581-BLK1	2,4,5,6-Tetrachloro-Meta-Xylene	74.8			Y	4
B170581-BS1	B170581-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	97.7			Y	4
B170581-BS1	B170581-BS1	2,4,5,6-Tetrachloro-Meta-Xylene	88.1			Y	4
B170581-BSD1	B170581-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	93.9			Y	4
B170581-BSD1	B170581-BSD1	2,4,5,6-Tetrachloro-Meta-Xylene	84.8			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4,5,6-Tetrachloro-Meta-Xylene	89.2			Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4,5,6-Tetrachloro-Meta-Xylene	88.2			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4,5,6-Tetrachloro-Meta-Xylene	64.8			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4,5,6-Tetrachloro-Meta-Xylene	71.9			Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4,5,6-Tetrachloro-Meta-Xylene	69.8			Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4,5,6-Tetrachloro-Meta-Xylene	84.7			Y	4
B170581-BLK1	B170581-BLK1	Decachlorobiphenyl (PCB 209)	88.8			Y	4
B170581-BLK1	B170581-BLK1	Decachlorobiphenyl (PCB 209)	85.6			Y	4
B170581-BS1	B170581-BS1	Decachlorobiphenyl (PCB 209)	101			Y	4
B170581-BS1	B170581-BS1	Decachlorobiphenyl (PCB 209)	91.7			Y	4
B170581-BSD1	B170581-BSD1	Decachlorobiphenyl (PCB 209)	102			Y	4
B170581-BSD1	B170581-BSD1	Decachlorobiphenyl (PCB 209)	91.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	Decachlorobiphenyl (PCB 209)	86.2			Y	4
LB-17-COMP1-1-3'	17B0591-02	Decachlorobiphenyl (PCB 209)	84.5			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Decachlorobiphenyl (PCB 209)	65.4			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Decachlorobiphenyl (PCB 209)	65.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	Decachlorobiphenyl (PCB 209)	81.4			Y	4
LB-24-COMP1-1-3'	17B0591-05	Decachlorobiphenyl (PCB 209)	83.5			Y	4
B170581-BLK1	B170581-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1016 (Aroclor 1016)		U		Y	4
B170581-BS1	B170581-BS1	PCB-1016 (Aroclor 1016)	0.18			Y	4
B170581-BS1	B170581-BS1	PCB-1016 (Aroclor 1016)	0.18			Y	4
B170581-BSD1	B170581-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	4
B170581-BSD1	B170581-BSD1	PCB-1016 (Aroclor 1016)	0.17			Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1016 (Aroclor 1016)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1016 (Aroclor 1016)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1016 (Aroclor 1016)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1016 (Aroclor 1016)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1016 (Aroclor 1016)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1016 (Aroclor 1016)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1221 (Aroclor 1221)		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1221 (Aroclor 1221)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1221 (Aroclor 1221)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1221 (Aroclor 1221)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1221 (Aroclor 1221)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1221 (Aroclor 1221)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1221 (Aroclor 1221)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1232 (Aroclor 1232)		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1232 (Aroclor 1232)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1232 (Aroclor 1232)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1232 (Aroclor 1232)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1232 (Aroclor 1232)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1232 (Aroclor 1232)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1232 (Aroclor 1232)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1242 (Aroclor 1242)		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1242 (Aroclor 1242)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1242 (Aroclor 1242)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1242 (Aroclor 1242)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1242 (Aroclor 1242)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1242 (Aroclor 1242)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1242 (Aroclor 1242)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1248 (Aroclor 1248)		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1248 (Aroclor 1248)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1248 (Aroclor 1248)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1248 (Aroclor 1248)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1248 (Aroclor 1248)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1248 (Aroclor 1248)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1248 (Aroclor 1248)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1254 (Aroclor 1254)		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1254 (Aroclor 1254)	1	D		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1254 (Aroclor 1254)	0.41	D		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1254 (Aroclor 1254)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1254 (Aroclor 1254)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1254 (Aroclor 1254)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1254 (Aroclor 1254)	0.54	D		Y	4
B170581-BLK1	B170581-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1260 (Aroclor 1260)		U		Y	4
B170581-BS1	B170581-BS1	PCB-1260 (Aroclor 1260)	0.18			Y	4
B170581-BS1	B170581-BS1	PCB-1260 (Aroclor 1260)	0.17			Y	4
B170581-BSD1	B170581-BSD1	PCB-1260 (Aroclor 1260)	0.18			Y	4
B170581-BSD1	B170581-BSD1	PCB-1260 (Aroclor 1260)	0.17			Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1260 (Aroclor 1260)	0.24	D		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1260 (Aroclor 1260)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1260 (Aroclor 1260)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1260 (Aroclor 1260)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1260 (Aroclor 1260)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1260 (Aroclor 1260)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1262 (Aroclor 1262)		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1262 (Aroclor 1262)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1262 (Aroclor 1262)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1262 (Aroclor 1262)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1262 (Aroclor 1262)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1262 (Aroclor 1262)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1262 (Aroclor 1262)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
B170581-BLK1	B170581-BLK1	PCB-1268 (Aroclor 1268)		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	PCB-1268 (Aroclor 1268)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	PCB-1268 (Aroclor 1268)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	PCB-1268 (Aroclor 1268)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	PCB-1268 (Aroclor 1268)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	PCB-1268 (Aroclor 1268)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	PCB-1268 (Aroclor 1268)		U		Y	4
B170605-BLK1	B170605-BLK1	1,1,1,2-Tetrachloroethane		U		Y	4
B170605-BS1	B170605-BS1	1,1,1,2-Tetrachloroethane	0.0221			Y	4
B170605-BSD1	B170605-BSD1	1,1,1,2-Tetrachloroethane	0.0214			Y	4

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B170743-BLK1	B170743-BLK1	1,1,1,2-Tetrachloroethane		U		Y	4
B170743-BS1	B170743-BS1	1,1,1,2-Tetrachloroethane	10.2			Y	4
B170743-BSD1	B170743-BSD1	1,1,1,2-Tetrachloroethane	10.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,1,1,2-Tetrachloroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,1,1,2-Tetrachloroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,1,1,2-Tetrachloroethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,1,1,2-Tetrachloroethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,1,1,2-Tetrachloroethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,1,1,2-Tetrachloroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,1,1,2-Tetrachloroethane		U		Y	4
TRIP BLANK	17B0591-11	1,1,1,2-Tetrachloroethane		U		Y	4
B170605-BLK1	B170605-BLK1	1,1,1-Trichloroethane		U		Y	4
B170605-BS1	B170605-BS1	1,1,1-Trichloroethane	0.0209			Y	4
B170605-BSD1	B170605-BSD1	1,1,1-Trichloroethane	0.0203			Y	4
B170743-BLK1	B170743-BLK1	1,1,1-Trichloroethane		U		Y	4
B170743-BS1	B170743-BS1	1,1,1-Trichloroethane	10			Y	4
B170743-BSD1	B170743-BSD1	1,1,1-Trichloroethane	9.96			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,1,1-Trichloroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,1,1-Trichloroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,1,1-Trichloroethane	0.0027			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,1,1-Trichloroethane	0.0076			Y	4
LB-20-COMP1-0-4'	17B0591-04	1,1,1-Trichloroethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,1,1-Trichloroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,1,1-Trichloroethane		U		Y	4
TRIP BLANK	17B0591-11	1,1,1-Trichloroethane		U		Y	4
B170605-BLK1	B170605-BLK1	1,1,2,2-Tetrachloroethane		U		Y	4
B170605-BS1	B170605-BS1	1,1,2,2-Tetrachloroethane	0.0203			Y	4
B170605-BSD1	B170605-BSD1	1,1,2,2-Tetrachloroethane	0.0188			Y	4
B170743-BLK1	B170743-BLK1	1,1,2,2-Tetrachloroethane		U		Y	4
B170743-BS1	B170743-BS1	1,1,2,2-Tetrachloroethane	10.2			Y	4
B170743-BSD1	B170743-BSD1	1,1,2,2-Tetrachloroethane	10.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,1,2,2-Tetrachloroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,1,2,2-Tetrachloroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,1,2,2-Tetrachloroethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,1,2,2-Tetrachloroethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,1,2,2-Tetrachloroethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,1,2,2-Tetrachloroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,1,2,2-Tetrachloroethane		U		Y	4
TRIP BLANK	17B0591-11	1,1,2,2-Tetrachloroethane		U		Y	4
B170605-BLK1	B170605-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B170605-BS1	B170605-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0228			Y	4
B170605-BSD1	B170605-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	0.0216			Y	4
B170743-BLK1	B170743-BLK1	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B170743-BS1	B170743-BS1	1,1,2-Trichloro-1,2,2-Trifluoroethane	10			Y	4
B170743-BSD1	B170743-BSD1	1,1,2-Trichloro-1,2,2-Trifluoroethane	9.72			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
TRIP BLANK	17B0591-11	1,1,2-Trichloro-1,2,2-Trifluoroethane		U		Y	4
B170605-BLK1	B170605-BLK1	1,1,2-Trichloroethane		U		Y	4
B170605-BS1	B170605-BS1	1,1,2-Trichloroethane	0.0216			Y	4
B170605-BSD1	B170605-BSD1	1,1,2-Trichloroethane	0.0207			Y	4
B170743-BLK1	B170743-BLK1	1,1,2-Trichloroethane		U		Y	4
B170743-BS1	B170743-BS1	1,1,2-Trichloroethane	10.7			Y	4
B170743-BSD1	B170743-BSD1	1,1,2-Trichloroethane	10.7			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,1,2-Trichloroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,1,2-Trichloroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,1,2-Trichloroethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,1,2-Trichloroethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,1,2-Trichloroethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,1,2-Trichloroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,1,2-Trichloroethane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
TRIP BLANK	17B0591-11	1,1,2-Trichloroethane		U		Y	4
B170605-BLK1	B170605-BLK1	1,1-Dichloroethane		U		Y	4
B170605-BS1	B170605-BS1	1,1-Dichloroethane	0.0224			Y	4
B170605-BSD1	B170605-BSD1	1,1-Dichloroethane	0.0219			Y	4
B170743-BLK1	B170743-BLK1	1,1-Dichloroethane		U		Y	4
B170743-BS1	B170743-BS1	1,1-Dichloroethane	10.7			Y	4
B170743-BSD1	B170743-BSD1	1,1-Dichloroethane	10.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,1-Dichloroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,1-Dichloroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,1-Dichloroethane	0.0046			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,1-Dichloroethane	0.011			Y	4
LB-20-COMP1-0-4'	17B0591-04	1,1-Dichloroethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,1-Dichloroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,1-Dichloroethane		U		Y	4
TRIP BLANK	17B0591-11	1,1-Dichloroethane		U		Y	4
B170605-BLK1	B170605-BLK1	1,1-Dichloroethene		U		Y	4
B170605-BS1	B170605-BS1	1,1-Dichloroethene	0.0227			Y	4
B170605-BSD1	B170605-BSD1	1,1-Dichloroethene	0.022			Y	4
B170743-BLK1	B170743-BLK1	1,1-Dichloroethene		U		Y	4
B170743-BS1	B170743-BS1	1,1-Dichloroethene	9.87			Y	4
B170743-BSD1	B170743-BSD1	1,1-Dichloroethene	9.39			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,1-Dichloroethene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,1-Dichloroethene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,1-Dichloroethene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,1-Dichloroethene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,1-Dichloroethene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,1-Dichloroethene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,1-Dichloroethene		U		Y	4
TRIP BLANK	17B0591-11	1,1-Dichloroethene		U		Y	4
B170605-BLK1	B170605-BLK1	1,1-Dichloropropene		U		Y	4
B170605-BS1	B170605-BS1	1,1-Dichloropropene	0.0214			Y	4
B170605-BSD1	B170605-BSD1	1,1-Dichloropropene	0.021			Y	4
B170743-BLK1	B170743-BLK1	1,1-Dichloropropene		U		Y	4
B170743-BS1	B170743-BS1	1,1-Dichloropropene	10.6			Y	4
B170743-BSD1	B170743-BSD1	1,1-Dichloropropene	10.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,1-Dichloropropene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,1-Dichloropropene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,1-Dichloropropene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,1-Dichloropropene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,1-Dichloropropene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,1-Dichloropropene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,1-Dichloropropene		U		Y	4
TRIP BLANK	17B0591-11	1,1-Dichloropropene		U		Y	4
B170605-BLK1	B170605-BLK1	1,2,3-Trichlorobenzene		U		Y	4
B170605-BS1	B170605-BS1	1,2,3-Trichlorobenzene	0.0212			Y	4
B170605-BSD1	B170605-BSD1	1,2,3-Trichlorobenzene	0.0209			Y	4
B170743-BLK1	B170743-BLK1	1,2,3-Trichlorobenzene		U		Y	4
B170743-BS1	B170743-BS1	1,2,3-Trichlorobenzene	13.3			Y	4
B170743-BSD1	B170743-BSD1	1,2,3-Trichlorobenzene	13.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2,3-Trichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2,3-Trichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2,3-Trichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2,3-Trichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2,3-Trichlorobenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2,3-Trichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2,3-Trichlorobenzene		U		Y	4
TRIP BLANK	17B0591-11	1,2,3-Trichlorobenzene		U		Y	4
B170605-BLK1	B170605-BLK1	1,2,3-Trichloropropane		U		Y	4
B170605-BS1	B170605-BS1	1,2,3-Trichloropropane	0.0191			Y	4
B170605-BSD1	B170605-BSD1	1,2,3-Trichloropropane	0.0185			Y	4
B170743-BLK1	B170743-BLK1	1,2,3-Trichloropropane		U		Y	4
B170743-BS1	B170743-BS1	1,2,3-Trichloropropane	9.99			Y	4
B170743-BSD1	B170743-BSD1	1,2,3-Trichloropropane	10.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2,3-Trichloropropane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2,3-Trichloropropane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2,3-Trichloropropane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-19-COMP2-5.4-7'	17B0591-06	1,2,3-Trichloropropane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2,3-Trichloropropane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2,3-Trichloropropane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2,3-Trichloropropane		U		Y	4
TRIP BLANK	17B0591-11	1,2,3-Trichloropropane		U		Y	4
B170605-BLK1	B170605-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170605-BS1	B170605-BS1	1,2,4-Trichlorobenzene	0.02			Y	4
B170605-BSD1	B170605-BSD1	1,2,4-Trichlorobenzene	0.0196			Y	4
B170743-BLK1	B170743-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170743-BS1	B170743-BS1	1,2,4-Trichlorobenzene	12.4			Y	4
B170743-BSD1	B170743-BSD1	1,2,4-Trichlorobenzene	12.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2,4-Trichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2,4-Trichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2,4-Trichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2,4-Trichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2,4-Trichlorobenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2,4-Trichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2,4-Trichlorobenzene		U		Y	4
TRIP BLANK	17B0591-11	1,2,4-Trichlorobenzene		U		Y	4
B170605-BLK1	B170605-BLK1	1,2,4-Trimethylbenzene		U		Y	4
B170605-BS1	B170605-BS1	1,2,4-Trimethylbenzene	0.02			Y	4
B170605-BSD1	B170605-BSD1	1,2,4-Trimethylbenzene	0.0194			Y	4
B170743-BLK1	B170743-BLK1	1,2,4-Trimethylbenzene		U		Y	4
B170743-BS1	B170743-BS1	1,2,4-Trimethylbenzene	10.5			Y	4
B170743-BSD1	B170743-BSD1	1,2,4-Trimethylbenzene	10.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2,4-Trimethylbenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2,4-Trimethylbenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2,4-Trimethylbenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2,4-Trimethylbenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2,4-Trimethylbenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2,4-Trimethylbenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2,4-Trimethylbenzene		U		Y	4
TRIP BLANK	17B0591-11	1,2,4-Trimethylbenzene		U		Y	4
B170605-BLK1	B170605-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	4
B170605-BS1	B170605-BS1	1,2-Dibromo-3-Chloropropane	0.0191			Y	4
B170605-BSD1	B170605-BSD1	1,2-Dibromo-3-Chloropropane	0.0182			Y	4
B170743-BLK1	B170743-BLK1	1,2-Dibromo-3-Chloropropane		U		Y	4
B170743-BS1	B170743-BS1	1,2-Dibromo-3-Chloropropane	11.9			Y	4
B170743-BSD1	B170743-BSD1	1,2-Dibromo-3-Chloropropane	11.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2-Dibromo-3-Chloropropane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2-Dibromo-3-Chloropropane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2-Dibromo-3-Chloropropane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2-Dibromo-3-Chloropropane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2-Dibromo-3-Chloropropane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2-Dibromo-3-Chloropropane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2-Dibromo-3-Chloropropane		U		Y	4
TRIP BLANK	17B0591-11	1,2-Dibromo-3-Chloropropane		U		Y	4
B170605-BLK1	B170605-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B170605-BS1	B170605-BS1	1,2-Dibromoethane (Ethylene Dibromide)	0.0218			Y	4
B170605-BSD1	B170605-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	0.0215			Y	4
B170743-BLK1	B170743-BLK1	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B170743-BS1	B170743-BS1	1,2-Dibromoethane (Ethylene Dibromide)	10.4			Y	4
B170743-BSD1	B170743-BSD1	1,2-Dibromoethane (Ethylene Dibromide)	10.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
TRIP BLANK	17B0591-11	1,2-Dibromoethane (Ethylene Dibromide)		U		Y	4
B170605-BLK1	B170605-BLK1	1,2-Dichlorobenzene		U		Y	4
B170605-BS1	B170605-BS1	1,2-Dichlorobenzene	0.0218			Y	4
B170605-BSD1	B170605-BSD1	1,2-Dichlorobenzene	0.0207			Y	4
B170743-BLK1	B170743-BLK1	1,2-Dichlorobenzene		U		Y	4
B170743-BS1	B170743-BS1	1,2-Dichlorobenzene	10.8			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170743-BSD1	B170743-BSD1	1,2-Dichlorobenzene	10.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2-Dichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2-Dichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2-Dichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2-Dichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2-Dichlorobenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2-Dichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2-Dichlorobenzene		U		Y	4
TRIP BLANK	17B0591-11	1,2-Dichlorobenzene		U		Y	4
B170605-BLK1	B170605-BLK1	1,2-Dichloroethane		U		Y	4
B170605-BS1	B170605-BS1	1,2-Dichloroethane	0.0238			Y	4
B170605-BSD1	B170605-BSD1	1,2-Dichloroethane	0.0231			Y	4
B170743-BLK1	B170743-BLK1	1,2-Dichloroethane		U		Y	4
B170743-BS1	B170743-BS1	1,2-Dichloroethane	10.9			Y	4
B170743-BSD1	B170743-BSD1	1,2-Dichloroethane	10.8			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2-Dichloroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2-Dichloroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2-Dichloroethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2-Dichloroethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2-Dichloroethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2-Dichloroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2-Dichloroethane		U		Y	4
TRIP BLANK	17B0591-11	1,2-Dichloroethane		U		Y	4
B170605-BLK1	B170605-BLK1	1,2-Dichloroethane-D4	101			Y	4
B170605-BS1	B170605-BS1	1,2-Dichloroethane-D4	99.9			Y	4
B170605-BSD1	B170605-BSD1	1,2-Dichloroethane-D4	98			Y	4
B170743-BLK1	B170743-BLK1	1,2-Dichloroethane-D4	102			Y	4
B170743-BS1	B170743-BS1	1,2-Dichloroethane-D4	103			Y	4
B170743-BSD1	B170743-BSD1	1,2-Dichloroethane-D4	104			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2-Dichloroethane-D4	96.1			Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2-Dichloroethane-D4	99.4			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2-Dichloroethane-D4	102			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2-Dichloroethane-D4	97.4			Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2-Dichloroethane-D4	105			Y	4
LB22-VOC1-4-6'	17B0591-08	1,2-Dichloroethane-D4	96.4			Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2-Dichloroethane-D4	100			Y	4
TRIP BLANK	17B0591-11	1,2-Dichloroethane-D4	88.2			Y	4
B170605-BLK1	B170605-BLK1	1,2-Dichloropropane		U		Y	4
B170605-BS1	B170605-BS1	1,2-Dichloropropane	0.0226			Y	4
B170605-BSD1	B170605-BSD1	1,2-Dichloropropane	0.0218			Y	4
B170743-BLK1	B170743-BLK1	1,2-Dichloropropane		U		Y	4
B170743-BS1	B170743-BS1	1,2-Dichloropropane	10.6			Y	4
B170743-BSD1	B170743-BSD1	1,2-Dichloropropane	10.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2-Dichloropropane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2-Dichloropropane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2-Dichloropropane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2-Dichloropropane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2-Dichloropropane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,2-Dichloropropane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2-Dichloropropane		U		Y	4
TRIP BLANK	17B0591-11	1,2-Dichloropropane		U		Y	4
B170605-BLK1	B170605-BLK1	1,3,5-Trichlorobenzene		U		Y	4
B170605-BS1	B170605-BS1	1,3,5-Trichlorobenzene	0.0202			Y	4
B170605-BSD1	B170605-BSD1	1,3,5-Trichlorobenzene	0.0199			Y	4
B170743-BLK1	B170743-BLK1	1,3,5-Trichlorobenzene		U		Y	4
B170743-BS1	B170743-BS1	1,3,5-Trichlorobenzene	11.9			Y	4
B170743-BSD1	B170743-BSD1	1,3,5-Trichlorobenzene	11.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,3,5-Trichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,3,5-Trichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,3,5-Trichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,3,5-Trichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,3,5-Trichlorobenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,3,5-Trichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,3,5-Trichlorobenzene		U		Y	4
TRIP BLANK	17B0591-11	1,3,5-Trichlorobenzene		U		Y	4
B170605-BLK1	B170605-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170605-BS1	B170605-BS1	1,3,5-Trimethylbenzene (Mesitylene)	0.0223			Y	4
B170605-BSD1	B170605-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	0.0214			Y	4
B170743-BLK1	B170743-BLK1	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
B170743-BS1	B170743-BS1	1,3,5-Trimethylbenzene (Mesitylene)	9.97			Y	4
B170743-BSD1	B170743-BSD1	1,3,5-Trimethylbenzene (Mesitylene)	9.99			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
TRIP BLANK	17B0591-11	1,3,5-Trimethylbenzene (Mesitylene)		U		Y	4
B170605-BLK1	B170605-BLK1	1,3-Dichlorobenzene		U		Y	4
B170605-BS1	B170605-BS1	1,3-Dichlorobenzene	0.0217			Y	4
B170605-BSD1	B170605-BSD1	1,3-Dichlorobenzene	0.0214			Y	4
B170743-BLK1	B170743-BLK1	1,3-Dichlorobenzene		U		Y	4
B170743-BS1	B170743-BS1	1,3-Dichlorobenzene	11.1			Y	4
B170743-BSD1	B170743-BSD1	1,3-Dichlorobenzene	10.8			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,3-Dichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,3-Dichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,3-Dichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,3-Dichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,3-Dichlorobenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,3-Dichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,3-Dichlorobenzene		U		Y	4
TRIP BLANK	17B0591-11	1,3-Dichlorobenzene		U		Y	4
B170605-BLK1	B170605-BLK1	1,3-Dichloropropane		U		Y	4
B170605-BS1	B170605-BS1	1,3-Dichloropropane	0.0213			Y	4
B170605-BSD1	B170605-BSD1	1,3-Dichloropropane	0.0201			Y	4
B170743-BLK1	B170743-BLK1	1,3-Dichloropropane		U		Y	4
B170743-BS1	B170743-BS1	1,3-Dichloropropane	10			Y	4
B170743-BSD1	B170743-BSD1	1,3-Dichloropropane	10.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,3-Dichloropropane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,3-Dichloropropane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,3-Dichloropropane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,3-Dichloropropane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,3-Dichloropropane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,3-Dichloropropane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,3-Dichloropropane		U		Y	4
TRIP BLANK	17B0591-11	1,3-Dichloropropane		U		Y	4
B170605-BLK1	B170605-BLK1	1,4-Dichlorobenzene		U		Y	4
B170605-BS1	B170605-BS1	1,4-Dichlorobenzene	0.0212			Y	4
B170605-BSD1	B170605-BSD1	1,4-Dichlorobenzene	0.0208			Y	4
B170743-BLK1	B170743-BLK1	1,4-Dichlorobenzene		U		Y	4
B170743-BS1	B170743-BS1	1,4-Dichlorobenzene	10.8			Y	4
B170743-BSD1	B170743-BSD1	1,4-Dichlorobenzene	10.8			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,4-Dichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,4-Dichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,4-Dichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,4-Dichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,4-Dichlorobenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	1,4-Dichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,4-Dichlorobenzene		U		Y	4
TRIP BLANK	17B0591-11	1,4-Dichlorobenzene		U		Y	4
B170605-BLK1	B170605-BLK1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170605-BS1	B170605-BS1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170605-BSD1	B170605-BSD1	1,4-Dichlorobenzene-D4	0.06			Y	4
B170743-BLK1	B170743-BLK1	1,4-Dichlorobenzene-D4	30			Y	4
B170743-BS1	B170743-BS1	1,4-Dichlorobenzene-D4	30			Y	4
B170743-BSD1	B170743-BSD1	1,4-Dichlorobenzene-D4	30			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,4-Dichlorobenzene-D4	0.077			Y	4
LB-17-COMP1-1-3'	17B0591-02	1,4-Dichlorobenzene-D4	0.066			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,4-Dichlorobenzene-D4	0.072			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,4-Dichlorobenzene-D4	0.068			Y	4
LB-20-COMP1-0-4'	17B0591-04	1,4-Dichlorobenzene-D4	0.068			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB22-VOC1-4-6'	17B0591-08	1,4-Dichlorobenzene-D4	0.061			Y	4
LB-24-COMP1-1-3'	17B0591-05	1,4-Dichlorobenzene-D4	0.062			Y	4
TRIP BLANK	17B0591-11	1,4-Dichlorobenzene-D4	30			Y	4
B170605-BLK1	B170605-BLK1	1,4-Difluorobenzene	0.06			Y	4
B170605-BS1	B170605-BS1	1,4-Difluorobenzene	0.06			Y	4
B170605-BSD1	B170605-BSD1	1,4-Difluorobenzene	0.06			Y	4
B170743-BLK1	B170743-BLK1	1,4-Difluorobenzene	30			Y	4
B170743-BS1	B170743-BS1	1,4-Difluorobenzene	30			Y	4
B170743-BSD1	B170743-BSD1	1,4-Difluorobenzene	30			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,4-Difluorobenzene	0.077			Y	4
LB-17-COMP1-1-3'	17B0591-02	1,4-Difluorobenzene	0.066			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,4-Difluorobenzene	0.072			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,4-Difluorobenzene	0.068			Y	4
LB-20-COMP1-0-4'	17B0591-04	1,4-Difluorobenzene	0.068			Y	4
LB22-VOC1-4-6'	17B0591-08	1,4-Difluorobenzene	0.061			Y	4
LB-24-COMP1-1-3'	17B0591-05	1,4-Difluorobenzene	0.062			Y	4
TRIP BLANK	17B0591-11	1,4-Difluorobenzene	30			Y	4
B170605-BLK1	B170605-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
B170605-BS1	B170605-BS1	1,4-Dioxane (P-Dioxane)	0.213		J	Y	4
B170605-BSD1	B170605-BSD1	1,4-Dioxane (P-Dioxane)	0.197		J	Y	4
B170743-BLK1	B170743-BLK1	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
B170743-BS1	B170743-BS1	1,4-Dioxane (P-Dioxane)	84.2		J	Y	4
B170743-BSD1	B170743-BSD1	1,4-Dioxane (P-Dioxane)	95		J	Y	4
LB-16-COMP1-0-2'	17B0591-01	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LB-17-COMP1-1-3'	17B0591-02	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LB-20-COMP1-0-4'	17B0591-04	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LB22-VOC1-4-6'	17B0591-08	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
LB-24-COMP1-1-3'	17B0591-05	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
TRIP BLANK	17B0591-11	1,4-Dioxane (P-Dioxane)		U	UJ	Y	4
B170605-BLK1	B170605-BLK1	2,2-Dichloropropane		U	UJ	Y	4
B170605-BS1	B170605-BS1	2,2-Dichloropropane	0.0164			Y	4
B170605-BSD1	B170605-BSD1	2,2-Dichloropropane	0.016			Y	4
B170743-BLK1	B170743-BLK1	2,2-Dichloropropane		U		Y	4
B170743-BS1	B170743-BS1	2,2-Dichloropropane	10.9			Y	4
B170743-BSD1	B170743-BSD1	2,2-Dichloropropane	10.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,2-Dichloropropane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2,2-Dichloropropane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,2-Dichloropropane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,2-Dichloropropane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2,2-Dichloropropane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	2,2-Dichloropropane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2,2-Dichloropropane		U		Y	4
TRIP BLANK	17B0591-11	2,2-Dichloropropane		U		Y	4
B170605-BLK1	B170605-BLK1	2-Chlorotoluene		U		Y	4
B170605-BS1	B170605-BS1	2-Chlorotoluene	0.0231			Y	4
B170605-BSD1	B170605-BSD1	2-Chlorotoluene	0.0219			Y	4
B170743-BLK1	B170743-BLK1	2-Chlorotoluene		U		Y	4
B170743-BS1	B170743-BS1	2-Chlorotoluene	10.7			Y	4
B170743-BSD1	B170743-BSD1	2-Chlorotoluene	10.8			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Chlorotoluene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Chlorotoluene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Chlorotoluene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Chlorotoluene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Chlorotoluene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	2-Chlorotoluene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Chlorotoluene		U		Y	4
TRIP BLANK	17B0591-11	2-Chlorotoluene		U		Y	4
B170605-BLK1	B170605-BLK1	2-Hexanone		U		Y	4
B170605-BS1	B170605-BS1	2-Hexanone	0.245			Y	4
B170605-BSD1	B170605-BSD1	2-Hexanone	0.234			Y	4
B170743-BLK1	B170743-BLK1	2-Hexanone		U		Y	4
B170743-BS1	B170743-BS1	2-Hexanone	99.6			Y	4
B170743-BSD1	B170743-BSD1	2-Hexanone	103			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Hexanone		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-17-COMP1-1-3'	17B0591-02	2-Hexanone		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Hexanone		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Hexanone		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Hexanone		U		Y	4
LB22-VOC1-4-6'	17B0591-08	2-Hexanone		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Hexanone		U		Y	4
TRIP BLANK	17B0591-11	2-Hexanone		U		Y	4
B170605-BLK1	B170605-BLK1	2-Methoxy-2-Methylbutane		U		Y	4
B170605-BS1	B170605-BS1	2-Methoxy-2-Methylbutane	0.0185			Y	4
B170605-BSD1	B170605-BSD1	2-Methoxy-2-Methylbutane	0.0183			Y	4
B170743-BLK1	B170743-BLK1	2-Methoxy-2-Methylbutane		U		Y	4
B170743-BS1	B170743-BS1	2-Methoxy-2-Methylbutane	9.69			Y	4
B170743-BSD1	B170743-BSD1	2-Methoxy-2-Methylbutane	9.74			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Methoxy-2-Methylbutane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Methoxy-2-Methylbutane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Methoxy-2-Methylbutane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Methoxy-2-Methylbutane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Methoxy-2-Methylbutane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	2-Methoxy-2-Methylbutane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Methoxy-2-Methylbutane		U		Y	4
TRIP BLANK	17B0591-11	2-Methoxy-2-Methylbutane		U		Y	4
B170605-BLK1	B170605-BLK1	4-Chlorotoluene		U		Y	4
B170605-BS1	B170605-BS1	4-Chlorotoluene	0.0215			Y	4
B170605-BSD1	B170605-BSD1	4-Chlorotoluene	0.0211			Y	4
B170743-BLK1	B170743-BLK1	4-Chlorotoluene		U		Y	4
B170743-BS1	B170743-BS1	4-Chlorotoluene	10.5			Y	4
B170743-BSD1	B170743-BSD1	4-Chlorotoluene	10.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	4-Chlorotoluene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	4-Chlorotoluene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	4-Chlorotoluene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	4-Chlorotoluene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	4-Chlorotoluene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	4-Chlorotoluene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	4-Chlorotoluene		U		Y	4
TRIP BLANK	17B0591-11	4-Chlorotoluene		U		Y	4
B170605-BLK1	B170605-BLK1	Acetone		U		Y	4
B170605-BS1	B170605-BS1	Acetone	0.22			Y	4
B170605-BSD1	B170605-BSD1	Acetone	0.206			Y	4
B170743-BLK1	B170743-BLK1	Acetone		U		Y	4
B170743-BS1	B170743-BS1	Acetone	93.9			Y	4
B170743-BSD1	B170743-BSD1	Acetone	90.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	Acetone		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Acetone		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Acetone		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Acetone		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Acetone		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Acetone		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Acetone		U		Y	4
TRIP BLANK	17B0591-11	Acetone		U		Y	4
B170605-BLK1	B170605-BLK1	Acrylonitrile		U		Y	4
B170605-BS1	B170605-BS1	Acrylonitrile	0.0224			Y	4
B170605-BSD1	B170605-BSD1	Acrylonitrile	0.0221			Y	4
B170743-BLK1	B170743-BLK1	Acrylonitrile		U		Y	4
B170743-BS1	B170743-BS1	Acrylonitrile	10.4			Y	4
B170743-BSD1	B170743-BSD1	Acrylonitrile	10.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	Acrylonitrile		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Acrylonitrile		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Acrylonitrile		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Acrylonitrile		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Acrylonitrile		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Acrylonitrile		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Acrylonitrile		U		Y	4
TRIP BLANK	17B0591-11	Acrylonitrile		U		Y	4
B170605-BLK1	B170605-BLK1	Benzene		U		Y	4
B170605-BS1	B170605-BS1	Benzene	0.0215			Y	4
B170605-BSD1	B170605-BSD1	Benzene	0.021			Y	4

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B170743-BLK1	B170743-BLK1	Benzene		U		Y	4
B170743-BS1	B170743-BS1	Benzene	10.5			Y	4
B170743-BSD1	B170743-BSD1	Benzene	10.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Benzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Benzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzene		U		Y	4
TRIP BLANK	17B0591-11	Benzene		U		Y	4
B170605-BLK1	B170605-BLK1	Bromobenzene		U		Y	4
B170605-BS1	B170605-BS1	Bromobenzene	0.0205			Y	4
B170605-BSD1	B170605-BSD1	Bromobenzene	0.0196			Y	4
B170743-BLK1	B170743-BLK1	Bromobenzene		U		Y	4
B170743-BS1	B170743-BS1	Bromobenzene	10.3			Y	4
B170743-BSD1	B170743-BSD1	Bromobenzene	10.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bromobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bromobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bromobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bromobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Bromobenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Bromobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bromobenzene		U		Y	4
TRIP BLANK	17B0591-11	Bromobenzene		U		Y	4
B170605-BLK1	B170605-BLK1	Bromochloromethane		U		Y	4
B170605-BS1	B170605-BS1	Bromochloromethane	0.0277			Y	4
B170605-BSD1	B170605-BSD1	Bromochloromethane	0.0272			Y	4
B170743-BLK1	B170743-BLK1	Bromochloromethane		U		Y	4
B170743-BS1	B170743-BS1	Bromochloromethane	11.5			Y	4
B170743-BSD1	B170743-BSD1	Bromochloromethane	11.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bromochloromethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bromochloromethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bromochloromethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bromochloromethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Bromochloromethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Bromochloromethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bromochloromethane		U		Y	4
TRIP BLANK	17B0591-11	Bromochloromethane		U		Y	4
B170605-BLK1	B170605-BLK1	Bromodichloromethane		U		Y	4
B170605-BS1	B170605-BS1	Bromodichloromethane	0.0221			Y	4
B170605-BSD1	B170605-BSD1	Bromodichloromethane	0.0217			Y	4
B170743-BLK1	B170743-BLK1	Bromodichloromethane		U		Y	4
B170743-BS1	B170743-BS1	Bromodichloromethane	11			Y	4
B170743-BSD1	B170743-BSD1	Bromodichloromethane	10.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bromodichloromethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bromodichloromethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bromodichloromethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bromodichloromethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Bromodichloromethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Bromodichloromethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bromodichloromethane		U		Y	4
TRIP BLANK	17B0591-11	Bromodichloromethane		U		Y	4
B170605-BLK1	B170605-BLK1	Bromoform		U		Y	4
B170605-BS1	B170605-BS1	Bromoform	0.0228			Y	4
B170605-BSD1	B170605-BSD1	Bromoform	0.0212			Y	4
B170743-BLK1	B170743-BLK1	Bromoform		U		Y	4
B170743-BS1	B170743-BS1	Bromoform	10.2			Y	4
B170743-BSD1	B170743-BSD1	Bromoform	10.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bromoform		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bromoform		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bromoform		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bromoform		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Bromoform		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Bromoform		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bromoform		U		Y	4

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TRIP BLANK	17B0591-11	Bromoform		U		Y	4
B170605-BLK1	B170605-BLK1	Bromomethane		U		Y	4
B170605-BS1	B170605-BS1	Bromomethane	0.0145			Y	4
B170605-BSD1	B170605-BSD1	Bromomethane	0.0148			Y	4
B170743-BLK1	B170743-BLK1	Bromomethane		U		Y	4
B170743-BS1	B170743-BS1	Bromomethane	4.74			Y	4
B170743-BSD1	B170743-BSD1	Bromomethane	6.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bromomethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bromomethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bromomethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bromomethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Bromomethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Bromomethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bromomethane		U		Y	4
TRIP BLANK	17B0591-11	Bromomethane		U		Y	4
B170605-BLK1	B170605-BLK1	Carbon Disulfide		U	UJ	Y	4
B170605-BS1	B170605-BS1	Carbon Disulfide	0.0236			Y	4
B170605-BSD1	B170605-BSD1	Carbon Disulfide	0.0228			Y	4
B170743-BLK1	B170743-BLK1	Carbon Disulfide		U		Y	4
B170743-BS1	B170743-BS1	Carbon Disulfide	13.4			Y	4
B170743-BSD1	B170743-BSD1	Carbon Disulfide	12.7			Y	4
LB-16-COMP1-0-2'	17B0591-01	Carbon Disulfide		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Carbon Disulfide		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Carbon Disulfide		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Carbon Disulfide		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Carbon Disulfide		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Carbon Disulfide		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Carbon Disulfide		U		Y	4
TRIP BLANK	17B0591-11	Carbon Disulfide		U		Y	4
B170605-BLK1	B170605-BLK1	Carbon Tetrachloride		U		Y	4
B170605-BS1	B170605-BS1	Carbon Tetrachloride	0.0213			Y	4
B170605-BSD1	B170605-BSD1	Carbon Tetrachloride	0.0204			Y	4
B170743-BLK1	B170743-BLK1	Carbon Tetrachloride		U		Y	4
B170743-BS1	B170743-BS1	Carbon Tetrachloride	10.5			Y	4
B170743-BSD1	B170743-BSD1	Carbon Tetrachloride	10.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	Carbon Tetrachloride		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Carbon Tetrachloride		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Carbon Tetrachloride		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Carbon Tetrachloride		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Carbon Tetrachloride		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Carbon Tetrachloride		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Carbon Tetrachloride		U		Y	4
TRIP BLANK	17B0591-11	Carbon Tetrachloride		U		Y	4
B170605-BLK1	B170605-BLK1	Chlorobenzene		U		Y	4
B170605-BS1	B170605-BS1	Chlorobenzene	0.0231			Y	4
B170605-BSD1	B170605-BSD1	Chlorobenzene	0.0222			Y	4
B170743-BLK1	B170743-BLK1	Chlorobenzene		U		Y	4
B170743-BS1	B170743-BS1	Chlorobenzene	10.4			Y	4
B170743-BSD1	B170743-BSD1	Chlorobenzene	10.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	Chlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Chlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Chlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Chlorobenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Chlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Chlorobenzene		U		Y	4
TRIP BLANK	17B0591-11	Chlorobenzene		U		Y	4
B170605-BLK1	B170605-BLK1	Chlorobenzene-D5	0.06			Y	4
B170605-BS1	B170605-BS1	Chlorobenzene-D5	0.06			Y	4
B170605-BSD1	B170605-BSD1	Chlorobenzene-D5	0.06			Y	4
B170743-BLK1	B170743-BLK1	Chlorobenzene-D5	30			Y	4
B170743-BS1	B170743-BS1	Chlorobenzene-D5	30			Y	4
B170743-BSD1	B170743-BSD1	Chlorobenzene-D5	30			Y	4
LB-16-COMP1-0-2'	17B0591-01	Chlorobenzene-D5	0.077			Y	4
LB-17-COMP1-1-3'	17B0591-02	Chlorobenzene-D5	0.066			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chlorobenzene-D5	0.072			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-19-COMP2-5.4-7'	17B0591-06	Chlorobenzene-D5	0.068			Y	4
LB-20-COMP1-0-4'	17B0591-04	Chlorobenzene-D5	0.068			Y	4
LB22-VOC1-4-6'	17B0591-08	Chlorobenzene-D5	0.061			Y	4
LB-24-COMP1-1-3'	17B0591-05	Chlorobenzene-D5	0.062			Y	4
TRIP BLANK	17B0591-11	Chlorobenzene-D5	30			Y	4
B170605-BLK1	B170605-BLK1	Chloroethane		U		Y	4
B170605-BS1	B170605-BS1	Chloroethane		U		Y	4
B170605-BSD1	B170605-BSD1	Chloroethane		U		Y	4
B170743-BLK1	B170743-BLK1	Chloroethane		U		Y	4
B170743-BS1	B170743-BS1	Chloroethane	8.2			Y	4
B170743-BSD1	B170743-BSD1	Chloroethane	8.15			Y	4
LB-16-COMP1-0-2'	17B0591-01	Chloroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Chloroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chloroethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Chloroethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Chloroethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Chloroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Chloroethane		U		Y	4
TRIP BLANK	17B0591-11	Chloroethane		U		Y	4
B170605-BLK1	B170605-BLK1	Chloroform		U		Y	4
B170605-BS1	B170605-BS1	Chloroform	0.0214			Y	4
B170605-BSD1	B170605-BSD1	Chloroform	0.0208			Y	4
B170743-BLK1	B170743-BLK1	Chloroform		U		Y	4
B170743-BS1	B170743-BS1	Chloroform	10.7			Y	4
B170743-BSD1	B170743-BSD1	Chloroform	10.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	Chloroform		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Chloroform		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chloroform		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Chloroform		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Chloroform		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Chloroform		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Chloroform		U		Y	4
TRIP BLANK	17B0591-11	Chloroform		U		Y	4
B170605-BLK1	B170605-BLK1	Chloromethane		U		Y	4
B170605-BS1	B170605-BS1	Chloromethane	0.0224			Y	4
B170605-BSD1	B170605-BSD1	Chloromethane	0.0214			Y	4
B170743-BLK1	B170743-BLK1	Chloromethane		U		Y	4
B170743-BS1	B170743-BS1	Chloromethane	6.93			Y	4
B170743-BSD1	B170743-BSD1	Chloromethane	6.84			Y	4
LB-16-COMP1-0-2'	17B0591-01	Chloromethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Chloromethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chloromethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Chloromethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Chloromethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Chloromethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Chloromethane		U		Y	4
TRIP BLANK	17B0591-11	Chloromethane		U		Y	4
B170605-BLK1	B170605-BLK1	Cis-1,2-Dichloroethylene		U		Y	4
B170605-BS1	B170605-BS1	Cis-1,2-Dichloroethylene	0.0203			Y	4
B170605-BSD1	B170605-BSD1	Cis-1,2-Dichloroethylene	0.0196			Y	4
B170743-BLK1	B170743-BLK1	Cis-1,2-Dichloroethylene		U		Y	4
B170743-BS1	B170743-BS1	Cis-1,2-Dichloroethylene	10.1			Y	4
B170743-BSD1	B170743-BSD1	Cis-1,2-Dichloroethylene	9.94			Y	4
LB-16-COMP1-0-2'	17B0591-01	Cis-1,2-Dichloroethylene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Cis-1,2-Dichloroethylene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Cis-1,2-Dichloroethylene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Cis-1,2-Dichloroethylene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Cis-1,2-Dichloroethylene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Cis-1,2-Dichloroethylene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Cis-1,2-Dichloroethylene		U		Y	4
TRIP BLANK	17B0591-11	Cis-1,2-Dichloroethylene		U		Y	4
B170605-BLK1	B170605-BLK1	Cis-1,3-Dichloropropene		U		Y	4
B170605-BS1	B170605-BS1	Cis-1,3-Dichloropropene	0.0192			Y	4
B170605-BSD1	B170605-BSD1	Cis-1,3-Dichloropropene	0.019			Y	4
B170743-BLK1	B170743-BLK1	Cis-1,3-Dichloropropene		U		Y	4
B170743-BS1	B170743-BS1	Cis-1,3-Dichloropropene	10.1			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170743-BSD1	B170743-BSD1	Cis-1,3-Dichloropropene	9.72			Y	4
LB-16-COMP1-0-2'	17B0591-01	Cis-1,3-Dichloropropene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Cis-1,3-Dichloropropene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Cis-1,3-Dichloropropene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Cis-1,3-Dichloropropene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Cis-1,3-Dichloropropene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Cis-1,3-Dichloropropene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Cis-1,3-Dichloropropene		U		Y	4
TRIP BLANK	17B0591-11	Cis-1,3-Dichloropropene				Y	4
B170605-BLK1	B170605-BLK1	Cyclohexane		U		Y	4
B170605-BS1	B170605-BS1	Cyclohexane	0.0222			Y	4
B170605-BSD1	B170605-BSD1	Cyclohexane	0.0217			Y	4
B170743-BLK1	B170743-BLK1	Cyclohexane		U		Y	4
B170743-BS1	B170743-BS1	Cyclohexane	11.6			Y	4
B170743-BSD1	B170743-BSD1	Cyclohexane	11.2			Y	4
B170605-BLK1	B170605-BLK1	Cymene		U		Y	4
B170605-BS1	B170605-BS1	Cymene	0.0213			Y	4
B170605-BSD1	B170605-BSD1	Cymene	0.0209			Y	4
B170743-BLK1	B170743-BLK1	Cymene		U		Y	4
B170743-BS1	B170743-BS1	Cymene	10.4			Y	4
B170743-BSD1	B170743-BSD1	Cymene	10.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	Cymene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Cymene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Cymene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Cymene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Cymene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Cymene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Cymene		U		Y	4
TRIP BLANK	17B0591-11	Cymene		U		Y	4
B170605-BLK1	B170605-BLK1	Dibromochloromethane		U		Y	4
B170605-BS1	B170605-BS1	Dibromochloromethane	0.0239			Y	4
B170605-BSD1	B170605-BSD1	Dibromochloromethane	0.0231			Y	4
B170743-BLK1	B170743-BLK1	Dibromochloromethane		U		Y	4
B170743-BS1	B170743-BS1	Dibromochloromethane	10.9			Y	4
B170743-BSD1	B170743-BSD1	Dibromochloromethane	11			Y	4
LB-16-COMP1-0-2'	17B0591-01	Dibromochloromethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Dibromochloromethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Dibromochloromethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Dibromochloromethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Dibromochloromethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Dibromochloromethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Dibromochloromethane		U		Y	4
TRIP BLANK	17B0591-11	Dibromochloromethane		U		Y	4
B170605-BLK1	B170605-BLK1	Dibromomethane		U		Y	4
B170605-BS1	B170605-BS1	Dibromomethane	0.0222			Y	4
B170605-BSD1	B170605-BSD1	Dibromomethane	0.0212			Y	4
B170743-BLK1	B170743-BLK1	Dibromomethane		U		Y	4
B170743-BS1	B170743-BS1	Dibromomethane	10.9			Y	4
B170743-BSD1	B170743-BSD1	Dibromomethane	10.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	Dibromomethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Dibromomethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Dibromomethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Dibromomethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Dibromomethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Dibromomethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Dibromomethane		U		Y	4
TRIP BLANK	17B0591-11	Dibromomethane		U		Y	4
B170605-BLK1	B170605-BLK1	Dichlorodifluoromethane		U		Y	4
B170605-BS1	B170605-BS1	Dichlorodifluoromethane		U		Y	4
B170605-BSD1	B170605-BSD1	Dichlorodifluoromethane		U		Y	4
B170743-BLK1	B170743-BLK1	Dichlorodifluoromethane		U		Y	4
B170743-BS1	B170743-BS1	Dichlorodifluoromethane	5.74			Y	4
B170743-BSD1	B170743-BSD1	Dichlorodifluoromethane	5.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	Dichlorodifluoromethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Dichlorodifluoromethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Dichlorodifluoromethane		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-19-COMP2-5.4-7'	17B0591-06	Dichlorodifluoromethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Dichlorodifluoromethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Dichlorodifluoromethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Dichlorodifluoromethane		U		Y	4
TRIP BLANK	17B0591-11	Dichlorodifluoromethane		U		Y	4
B170605-BLK1	B170605-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170605-BS1	B170605-BS1	Diethyl Ether (Ethyl Ether)	0.022			Y	4
B170605-BSD1	B170605-BSD1	Diethyl Ether (Ethyl Ether)	0.0205			Y	4
B170743-BLK1	B170743-BLK1	Diethyl Ether (Ethyl Ether)		U		Y	4
B170743-BS1	B170743-BS1	Diethyl Ether (Ethyl Ether)	9.84			Y	4
B170743-BSD1	B170743-BSD1	Diethyl Ether (Ethyl Ether)	9.66			Y	4
LB-16-COMP1-0-2'	17B0591-01	Diethyl Ether (Ethyl Ether)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Diethyl Ether (Ethyl Ether)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Diethyl Ether (Ethyl Ether)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Diethyl Ether (Ethyl Ether)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Diethyl Ether (Ethyl Ether)		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Diethyl Ether (Ethyl Ether)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Diethyl Ether (Ethyl Ether)		U		Y	4
TRIP BLANK	17B0591-11	Diethyl Ether (Ethyl Ether)		U		Y	4
B170605-BLK1	B170605-BLK1	Ethyl Tert-Butyl Ether		U		Y	4
B170605-BS1	B170605-BS1	Ethyl Tert-Butyl Ether	0.0208			Y	4
B170605-BSD1	B170605-BSD1	Ethyl Tert-Butyl Ether	0.0199			Y	4
B170743-BLK1	B170743-BLK1	Ethyl Tert-Butyl Ether		U		Y	4
B170743-BS1	B170743-BS1	Ethyl Tert-Butyl Ether	9.96			Y	4
B170743-BSD1	B170743-BSD1	Ethyl Tert-Butyl Ether	9.88			Y	4
LB-16-COMP1-0-2'	17B0591-01	Ethyl Tert-Butyl Ether		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Ethyl Tert-Butyl Ether		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Ethyl Tert-Butyl Ether		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Ethyl Tert-Butyl Ether		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Ethyl Tert-Butyl Ether		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Ethyl Tert-Butyl Ether		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Ethyl Tert-Butyl Ether		U		Y	4
TRIP BLANK	17B0591-11	Ethyl Tert-Butyl Ether		U		Y	4
B170605-BLK1	B170605-BLK1	Ethylbenzene		U		Y	4
B170605-BS1	B170605-BS1	Ethylbenzene	0.022			Y	4
B170605-BSD1	B170605-BSD1	Ethylbenzene	0.0213			Y	4
B170743-BLK1	B170743-BLK1	Ethylbenzene		U		Y	4
B170743-BS1	B170743-BS1	Ethylbenzene	10.4			Y	4
B170743-BSD1	B170743-BSD1	Ethylbenzene	10.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	Ethylbenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Ethylbenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Ethylbenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Ethylbenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Ethylbenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Ethylbenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Ethylbenzene		U		Y	4
TRIP BLANK	17B0591-11	Ethylbenzene		U		Y	4
B170605-BLK1	B170605-BLK1	Hexachlorobutadiene		U		Y	4
B170605-BS1	B170605-BS1	Hexachlorobutadiene	0.0232			Y	4
B170605-BSD1	B170605-BSD1	Hexachlorobutadiene	0.0228			Y	4
B170743-BLK1	B170743-BLK1	Hexachlorobutadiene		U		Y	4
B170743-BS1	B170743-BS1	Hexachlorobutadiene	12.8			Y	4
B170743-BSD1	B170743-BSD1	Hexachlorobutadiene	13			Y	4
LB-16-COMP1-0-2'	17B0591-01	Hexachlorobutadiene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Hexachlorobutadiene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Hexachlorobutadiene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Hexachlorobutadiene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Hexachlorobutadiene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Hexachlorobutadiene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Hexachlorobutadiene		U		Y	4
TRIP BLANK	17B0591-11	Hexachlorobutadiene		U		Y	4
B170605-BLK1	B170605-BLK1	Isopropyl Ether		U		Y	4
B170605-BS1	B170605-BS1	Isopropyl Ether	0.0233			Y	4
B170605-BSD1	B170605-BSD1	Isopropyl Ether	0.023			Y	4
B170743-BLK1	B170743-BLK1	Isopropyl Ether		U		Y	4
B170743-BS1	B170743-BS1	Isopropyl Ether	10.2			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170743-BSD1	B170743-BSD1	Isopropyl Ether	9.94			Y	4
LB-16-COMP1-0-2'	17B0591-01	Isopropyl Ether		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Isopropyl Ether		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Isopropyl Ether		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Isopropyl Ether		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Isopropyl Ether		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Isopropyl Ether		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Isopropyl Ether		U		Y	4
TRIP BLANK	17B0591-11	Isopropyl Ether		U		Y	4
B170605-BLK1	B170605-BLK1	Isopropylbenzene (Cumene)		U		Y	4
B170605-BS1	B170605-BS1	Isopropylbenzene (Cumene)	0.0245			Y	4
B170605-BSD1	B170605-BSD1	Isopropylbenzene (Cumene)	0.023			Y	4
B170743-BLK1	B170743-BLK1	Isopropylbenzene (Cumene)		U		Y	4
B170743-BS1	B170743-BS1	Isopropylbenzene (Cumene)	10.8			Y	4
B170743-BSD1	B170743-BSD1	Isopropylbenzene (Cumene)	10.8			Y	4
LB-16-COMP1-0-2'	17B0591-01	Isopropylbenzene (Cumene)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Isopropylbenzene (Cumene)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Isopropylbenzene (Cumene)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Isopropylbenzene (Cumene)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Isopropylbenzene (Cumene)		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Isopropylbenzene (Cumene)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Isopropylbenzene (Cumene)		U		Y	4
TRIP BLANK	17B0591-11	Isopropylbenzene (Cumene)		U		Y	4
B170605-BLK1	B170605-BLK1	m,p-Xylene		U		Y	4
B170605-BS1	B170605-BS1	m,p-Xylene	0.0451			Y	4
B170605-BSD1	B170605-BSD1	m,p-Xylene	0.0432			Y	4
B170743-BLK1	B170743-BLK1	m,p-Xylene		U		Y	4
B170743-BS1	B170743-BS1	m,p-Xylene	21.1			Y	4
B170743-BSD1	B170743-BSD1	m,p-Xylene	21.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	m,p-Xylene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	m,p-Xylene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	m,p-Xylene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	m,p-Xylene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	m,p-Xylene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	m,p-Xylene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	m,p-Xylene		U		Y	4
TRIP BLANK	17B0591-11	m,p-Xylene		U		Y	4
B170605-BLK1	B170605-BLK1	Methyl Acetate		U		Y	4
B170605-BS1	B170605-BS1	Methyl Acetate	0.0315			Y	4
B170605-BSD1	B170605-BSD1	Methyl Acetate	0.0288			Y	4
B170743-BLK1	B170743-BLK1	Methyl Acetate		U		Y	4
B170743-BS1	B170743-BS1	Methyl Acetate	11.3			Y	4
B170743-BSD1	B170743-BSD1	Methyl Acetate	11.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	Methyl Acetate		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Methyl Acetate		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Methyl Acetate		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Methyl Acetate		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Methyl Acetate		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Methyl Acetate		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Methyl Acetate		U		Y	4
TRIP BLANK	17B0591-11	Methyl Acetate		U		Y	4
B170605-BLK1	B170605-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B170605-BS1	B170605-BS1	Methyl Ethyl Ketone (2-Butanone)	0.229			Y	4
B170605-BSD1	B170605-BSD1	Methyl Ethyl Ketone (2-Butanone)	0.22			Y	4
B170743-BLK1	B170743-BLK1	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B170743-BS1	B170743-BS1	Methyl Ethyl Ketone (2-Butanone)	96.5			Y	4
B170743-BSD1	B170743-BSD1	Methyl Ethyl Ketone (2-Butanone)	94.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
TRIP BLANK	17B0591-11	Methyl Ethyl Ketone (2-Butanone)		U		Y	4
B170605-BLK1	B170605-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170605-BS1	B170605-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.235			Y	4
B170605-BSD1	B170605-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.232			Y	4
B170743-BLK1	B170743-BLK1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
B170743-BS1	B170743-BS1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	96.6			Y	4
B170743-BSD1	B170743-BSD1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	99.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
TRIP BLANK	17B0591-11	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		U		Y	4
B170605-BLK1	B170605-BLK1	Methylcyclohexane		U		Y	4
B170605-BS1	B170605-BS1	Methylcyclohexane	0.0232			Y	4
B170605-BSD1	B170605-BSD1	Methylcyclohexane	0.0222			Y	4
B170743-BLK1	B170743-BLK1	Methylcyclohexane		U		Y	4
B170743-BS1	B170743-BS1	Methylcyclohexane	10.8			Y	4
B170743-BSD1	B170743-BSD1	Methylcyclohexane	10.8			Y	4
LB-16-COMP1-0-2'	17B0591-01	Methylcyclohexane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Methylcyclohexane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Methylcyclohexane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Methylcyclohexane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Methylcyclohexane	0.0075			Y	4
LB22-VOC1-4-6'	17B0591-08	Methylcyclohexane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Methylcyclohexane	0.0025			Y	4
TRIP BLANK	17B0591-11	Methylcyclohexane		U		Y	4
B170605-BLK1	B170605-BLK1	Methylene Chloride		U		Y	4
B170605-BS1	B170605-BS1	Methylene Chloride	0.0254			Y	4
B170605-BSD1	B170605-BSD1	Methylene Chloride	0.0245			Y	4
B170743-BLK1	B170743-BLK1	Methylene Chloride		U		Y	4
B170743-BS1	B170743-BS1	Methylene Chloride	11.3			Y	4
B170743-BSD1	B170743-BSD1	Methylene Chloride	11			Y	4
LB-16-COMP1-0-2'	17B0591-01	Methylene Chloride		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Methylene Chloride		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Methylene Chloride		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Methylene Chloride		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Methylene Chloride		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Methylene Chloride		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Methylene Chloride		U		Y	4
TRIP BLANK	17B0591-11	Methylene Chloride		U		Y	4
B170605-BLK1	B170605-BLK1	Naphthalene		U		Y	4
B170605-BS1	B170605-BS1	Naphthalene	0.0192			Y	4
B170605-BSD1	B170605-BSD1	Naphthalene	0.0196			Y	4
B170743-BLK1	B170743-BLK1	Naphthalene		U		Y	4
B170743-BS1	B170743-BS1	Naphthalene	12.8			Y	4
B170743-BSD1	B170743-BSD1	Naphthalene	12.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	Naphthalene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Naphthalene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Naphthalene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Naphthalene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Naphthalene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Naphthalene	0.0063			Y	4
LB-24-COMP1-1-3'	17B0591-05	Naphthalene		U		Y	4
TRIP BLANK	17B0591-11	Naphthalene		U		Y	4
B170605-BLK1	B170605-BLK1	N-Butylbenzene		U		Y	4
B170605-BS1	B170605-BS1	N-Butylbenzene	0.0212			Y	4
B170605-BSD1	B170605-BSD1	N-Butylbenzene	0.0204			Y	4
B170743-BLK1	B170743-BLK1	N-Butylbenzene		U		Y	4
B170743-BS1	B170743-BS1	N-Butylbenzene	11.2			Y	4
B170743-BSD1	B170743-BSD1	N-Butylbenzene	11			Y	4
LB-16-COMP1-0-2'	17B0591-01	N-Butylbenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	N-Butylbenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	N-Butylbenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	N-Butylbenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	N-Butylbenzene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB22-VOC1-4-6'	17B0591-08	N-Butylbenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	N-Butylbenzene		U		Y	4
TRIP BLANK	17B0591-11	N-Butylbenzene		U		Y	4
B170605-BLK1	B170605-BLK1	N-Propylbenzene		U		Y	4
B170605-BS1	B170605-BS1	N-Propylbenzene	0.0226			Y	4
B170605-BSD1	B170605-BSD1	N-Propylbenzene	0.0214			Y	4
B170743-BLK1	B170743-BLK1	N-Propylbenzene		U		Y	4
B170743-BS1	B170743-BS1	N-Propylbenzene	10.5			Y	4
B170743-BSD1	B170743-BSD1	N-Propylbenzene	10.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	N-Propylbenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	N-Propylbenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	N-Propylbenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	N-Propylbenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	N-Propylbenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	N-Propylbenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	N-Propylbenzene		U		Y	4
TRIP BLANK	17B0591-11	N-Propylbenzene		U		Y	4
B170605-BLK1	B170605-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B170605-BS1	B170605-BS1	O-Xylene (1,2-Dimethylbenzene)	0.022			Y	4
B170605-BSD1	B170605-BSD1	O-Xylene (1,2-Dimethylbenzene)	0.0211			Y	4
B170743-BLK1	B170743-BLK1	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B170743-BS1	B170743-BS1	O-Xylene (1,2-Dimethylbenzene)	10.3			Y	4
B170743-BSD1	B170743-BSD1	O-Xylene (1,2-Dimethylbenzene)	10.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LB22-VOC1-4-6'	17B0591-08	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
TRIP BLANK	17B0591-11	O-Xylene (1,2-Dimethylbenzene)		U		Y	4
B170605-BLK1	B170605-BLK1	p-Bromofluorobenzene	98.2			Y	4
B170605-BS1	B170605-BS1	p-Bromofluorobenzene	101			Y	4
B170605-BSD1	B170605-BSD1	p-Bromofluorobenzene	98.6			Y	4
B170743-BLK1	B170743-BLK1	p-Bromofluorobenzene	99			Y	4
B170743-BS1	B170743-BS1	p-Bromofluorobenzene	100			Y	4
B170743-BSD1	B170743-BSD1	p-Bromofluorobenzene	101			Y	4
LB-16-COMP1-0-2'	17B0591-01	p-Bromofluorobenzene	96.6			Y	4
LB-17-COMP1-1-3'	17B0591-02	p-Bromofluorobenzene	97.6			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	p-Bromofluorobenzene	98.2			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	p-Bromofluorobenzene	98.2			Y	4
LB-20-COMP1-0-4'	17B0591-04	p-Bromofluorobenzene	96.3			Y	4
LB22-VOC1-4-6'	17B0591-08	p-Bromofluorobenzene	97.5			Y	4
LB-24-COMP1-1-3'	17B0591-05	p-Bromofluorobenzene	94.4			Y	4
TRIP BLANK	17B0591-11	p-Bromofluorobenzene	95.7			Y	4
B170605-BLK1	B170605-BLK1	Pentafluorobenzene	0.06			Y	4
B170605-BS1	B170605-BS1	Pentafluorobenzene	0.06			Y	4
B170605-BSD1	B170605-BSD1	Pentafluorobenzene	0.06			Y	4
B170743-BLK1	B170743-BLK1	Pentafluorobenzene	30			Y	4
B170743-BS1	B170743-BS1	Pentafluorobenzene	30			Y	4
B170743-BSD1	B170743-BSD1	Pentafluorobenzene	30			Y	4
LB-16-COMP1-0-2'	17B0591-01	Pentafluorobenzene	0.077			Y	4
LB-17-COMP1-1-3'	17B0591-02	Pentafluorobenzene	0.066			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Pentafluorobenzene	0.072			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Pentafluorobenzene	0.068			Y	4
LB-20-COMP1-0-4'	17B0591-04	Pentafluorobenzene	0.068			Y	4
LB22-VOC1-4-6'	17B0591-08	Pentafluorobenzene	0.061			Y	4
LB-24-COMP1-1-3'	17B0591-05	Pentafluorobenzene	0.062			Y	4
TRIP BLANK	17B0591-11	Pentafluorobenzene	30			Y	4
B170605-BLK1	B170605-BLK1	Sec-Butylbenzene		U		Y	4
B170605-BS1	B170605-BS1	Sec-Butylbenzene	0.0217			Y	4
B170605-BSD1	B170605-BSD1	Sec-Butylbenzene	0.0211			Y	4
B170743-BLK1	B170743-BLK1	Sec-Butylbenzene		U		Y	4
B170743-BS1	B170743-BS1	Sec-Butylbenzene	11.1			Y	4
B170743-BSD1	B170743-BSD1	Sec-Butylbenzene	10.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	Sec-Butylbenzene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-17-COMP1-1-3'	17B0591-02	Sec-Butylbenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Sec-Butylbenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Sec-Butylbenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Sec-Butylbenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Sec-Butylbenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Sec-Butylbenzene		U		Y	4
TRIP BLANK	17B0591-11	Sec-Butylbenzene		U		Y	4
B170605-BLK1	B170605-BLK1	Styrene		U		Y	4
B170605-BS1	B170605-BS1	Styrene	0.0219			Y	4
B170605-BSD1	B170605-BSD1	Styrene	0.0205			Y	4
B170743-BLK1	B170743-BLK1	Styrene		U		Y	4
B170743-BS1	B170743-BS1	Styrene	10.1			Y	4
B170743-BSD1	B170743-BSD1	Styrene	10.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	Styrene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Styrene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Styrene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Styrene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Styrene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Styrene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Styrene		U		Y	4
TRIP BLANK	17B0591-11	Styrene		U		Y	4
B170605-BLK1	B170605-BLK1	T-Butylbenzene		U		Y	4
B170605-BS1	B170605-BS1	T-Butylbenzene	0.021			Y	4
B170605-BSD1	B170605-BSD1	T-Butylbenzene	0.0204			Y	4
B170743-BLK1	B170743-BLK1	T-Butylbenzene		U		Y	4
B170743-BS1	B170743-BS1	T-Butylbenzene	10.6			Y	4
B170743-BSD1	B170743-BSD1	T-Butylbenzene	10.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	T-Butylbenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	T-Butylbenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	T-Butylbenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	T-Butylbenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	T-Butylbenzene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	T-Butylbenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	T-Butylbenzene		U		Y	4
TRIP BLANK	17B0591-11	T-Butylbenzene		U		Y	4
B170605-BLK1	B170605-BLK1	Tert-Butyl Alcohol		U	UJ	Y	4
B170605-BS1	B170605-BS1	Tert-Butyl Alcohol	0.12		J	Y	4
B170605-BSD1	B170605-BSD1	Tert-Butyl Alcohol	0.125		J	Y	4
B170743-BLK1	B170743-BLK1	Tert-Butyl Alcohol		U		Y	4
B170743-BS1	B170743-BS1	Tert-Butyl Alcohol	68.6			Y	4
B170743-BSD1	B170743-BSD1	Tert-Butyl Alcohol	68.8			Y	4
LB-16-COMP1-0-2'	17B0591-01	Tert-Butyl Alcohol		U	UJ	Y	4
LB-17-COMP1-1-3'	17B0591-02	Tert-Butyl Alcohol		U	UJ	Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Tert-Butyl Alcohol		U	UJ	Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Tert-Butyl Alcohol		U	UJ	Y	4
LB-20-COMP1-0-4'	17B0591-04	Tert-Butyl Alcohol		U	UJ	Y	4
LB22-VOC1-4-6'	17B0591-08	Tert-Butyl Alcohol		U	UJ	Y	4
LB-24-COMP1-1-3'	17B0591-05	Tert-Butyl Alcohol		U	UJ	Y	4
TRIP BLANK	17B0591-11	Tert-Butyl Alcohol		U		Y	4
B170605-BLK1	B170605-BLK1	Tert-Butyl Methyl Ether		U		Y	4
B170605-BS1	B170605-BS1	Tert-Butyl Methyl Ether	0.0155			Y	4
B170605-BSD1	B170605-BSD1	Tert-Butyl Methyl Ether	0.0164			Y	4
B170743-BLK1	B170743-BLK1	Tert-Butyl Methyl Ether		U		Y	4
B170743-BS1	B170743-BS1	Tert-Butyl Methyl Ether	9.87			Y	4
B170743-BSD1	B170743-BSD1	Tert-Butyl Methyl Ether	9.74			Y	4
LB-16-COMP1-0-2'	17B0591-01	Tert-Butyl Methyl Ether		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Tert-Butyl Methyl Ether		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Tert-Butyl Methyl Ether		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Tert-Butyl Methyl Ether		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Tert-Butyl Methyl Ether	0.039			Y	4
LB22-VOC1-4-6'	17B0591-08	Tert-Butyl Methyl Ether		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Tert-Butyl Methyl Ether		U		Y	4
TRIP BLANK	17B0591-11	Tert-Butyl Methyl Ether		U		Y	4
B170605-BLK1	B170605-BLK1	Tetrachloroethylene (PCE)		U		Y	4
B170605-BS1	B170605-BS1	Tetrachloroethylene (PCE)	0.0249			Y	4
B170605-BSD1	B170605-BSD1	Tetrachloroethylene (PCE)	0.0245			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170743-BLK1	B170743-BLK1	Tetrachloroethylene (PCE)		U		Y	4
B170743-BS1	B170743-BS1	Tetrachloroethylene (PCE)	11.5			Y	4
B170743-BSD1	B170743-BSD1	Tetrachloroethylene (PCE)	11.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	Tetrachloroethylene (PCE)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Tetrachloroethylene (PCE)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Tetrachloroethylene (PCE)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Tetrachloroethylene (PCE)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Tetrachloroethylene (PCE)		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Tetrachloroethylene (PCE)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Tetrachloroethylene (PCE)		U		Y	4
TRIP BLANK	17B0591-11	Tetrachloroethylene (PCE)		U		Y	4
B170605-BLK1	B170605-BLK1	Tetrahydrofuran		U		Y	4
B170605-BS1	B170605-BS1	Tetrahydrofuran	0.0231			Y	4
B170605-BSD1	B170605-BSD1	Tetrahydrofuran	0.0225			Y	4
B170743-BLK1	B170743-BLK1	Tetrahydrofuran		U		Y	4
B170743-BS1	B170743-BS1	Tetrahydrofuran	11			Y	4
B170743-BSD1	B170743-BSD1	Tetrahydrofuran	10.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	Tetrahydrofuran		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Tetrahydrofuran		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Tetrahydrofuran		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Tetrahydrofuran		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Tetrahydrofuran		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Tetrahydrofuran		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Tetrahydrofuran		U		Y	4
TRIP BLANK	17B0591-11	Tetrahydrofuran		U		Y	4
B170605-BLK1	B170605-BLK1	Toluene		U		Y	4
B170605-BS1	B170605-BS1	Toluene	0.0232			Y	4
B170605-BSD1	B170605-BSD1	Toluene	0.0228			Y	4
B170743-BLK1	B170743-BLK1	Toluene		U		Y	4
B170743-BS1	B170743-BS1	Toluene	10.6			Y	4
B170743-BSD1	B170743-BSD1	Toluene	10.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	Toluene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Toluene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Toluene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Toluene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Toluene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Toluene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Toluene		U		Y	4
TRIP BLANK	17B0591-11	Toluene		U		Y	4
B170605-BLK1	B170605-BLK1	Toluene-D8	103			Y	4
B170605-BS1	B170605-BS1	Toluene-D8	103			Y	4
B170605-BSD1	B170605-BSD1	Toluene-D8	105			Y	4
B170743-BLK1	B170743-BLK1	Toluene-D8	100			Y	4
B170743-BS1	B170743-BS1	Toluene-D8	100			Y	4
B170743-BSD1	B170743-BSD1	Toluene-D8	101			Y	4
LB-16-COMP1-0-2'	17B0591-01	Toluene-D8	103			Y	4
LB-17-COMP1-1-3'	17B0591-02	Toluene-D8	102			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Toluene-D8	103			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Toluene-D8	101			Y	4
LB-20-COMP1-0-4'	17B0591-04	Toluene-D8	102			Y	4
LB22-VOC1-4-6'	17B0591-08	Toluene-D8	102			Y	4
LB-24-COMP1-1-3'	17B0591-05	Toluene-D8	101			Y	4
TRIP BLANK	17B0591-11	Toluene-D8	102			Y	4
B170605-BLK1	B170605-BLK1	Trans-1,2-Dichloroethene		U		Y	4
B170605-BS1	B170605-BS1	Trans-1,2-Dichloroethene	0.0247			Y	4
B170605-BSD1	B170605-BSD1	Trans-1,2-Dichloroethene	0.0263			Y	4
B170743-BLK1	B170743-BLK1	Trans-1,2-Dichloroethene		U		Y	4
B170743-BS1	B170743-BS1	Trans-1,2-Dichloroethene	11.9			Y	4
B170743-BSD1	B170743-BSD1	Trans-1,2-Dichloroethene	11.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	Trans-1,2-Dichloroethene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Trans-1,2-Dichloroethene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Trans-1,2-Dichloroethene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Trans-1,2-Dichloroethene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Trans-1,2-Dichloroethene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Trans-1,2-Dichloroethene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Trans-1,2-Dichloroethene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
TRIP BLANK	17B0591-11	Trans-1,2-Dichloroethene		U		Y	4
B170605-BLK1	B170605-BLK1	Trans-1,3-Dichloropropene		U		Y	4
B170605-BS1	B170605-BS1	Trans-1,3-Dichloropropene	0.0195			Y	4
B170605-BSD1	B170605-BSD1	Trans-1,3-Dichloropropene	0.0189			Y	4
B170743-BLK1	B170743-BLK1	Trans-1,3-Dichloropropene		U		Y	4
B170743-BS1	B170743-BS1	Trans-1,3-Dichloropropene	10.3			Y	4
B170743-BSD1	B170743-BSD1	Trans-1,3-Dichloropropene	10.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	Trans-1,3-Dichloropropene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Trans-1,3-Dichloropropene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Trans-1,3-Dichloropropene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Trans-1,3-Dichloropropene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Trans-1,3-Dichloropropene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Trans-1,3-Dichloropropene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Trans-1,3-Dichloropropene		U		Y	4
TRIP BLANK	17B0591-11	Trans-1,3-Dichloropropene		U		Y	4
B170605-BLK1	B170605-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	4
B170605-BS1	B170605-BS1	Trans-1,4-Dichloro-2-Butene	0.0207			Y	4
B170605-BSD1	B170605-BSD1	Trans-1,4-Dichloro-2-Butene	0.0185			Y	4
B170743-BLK1	B170743-BLK1	Trans-1,4-Dichloro-2-Butene		U		Y	4
B170743-BS1	B170743-BS1	Trans-1,4-Dichloro-2-Butene	10.6			Y	4
B170743-BSD1	B170743-BSD1	Trans-1,4-Dichloro-2-Butene	10.6			Y	4
LB-16-COMP1-0-2'	17B0591-01	Trans-1,4-Dichloro-2-Butene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Trans-1,4-Dichloro-2-Butene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Trans-1,4-Dichloro-2-Butene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Trans-1,4-Dichloro-2-Butene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Trans-1,4-Dichloro-2-Butene		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Trans-1,4-Dichloro-2-Butene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Trans-1,4-Dichloro-2-Butene		U		Y	4
TRIP BLANK	17B0591-11	Trans-1,4-Dichloro-2-Butene		U		Y	4
B170605-BLK1	B170605-BLK1	Trichloroethylene (TCE)		U		Y	4
B170605-BS1	B170605-BS1	Trichloroethylene (TCE)	0.0227			Y	4
B170605-BSD1	B170605-BSD1	Trichloroethylene (TCE)	0.0222			Y	4
B170743-BLK1	B170743-BLK1	Trichloroethylene (TCE)		U		Y	4
B170743-BS1	B170743-BS1	Trichloroethylene (TCE)	10.7			Y	4
B170743-BSD1	B170743-BSD1	Trichloroethylene (TCE)	10.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	Trichloroethylene (TCE)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Trichloroethylene (TCE)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Trichloroethylene (TCE)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Trichloroethylene (TCE)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Trichloroethylene (TCE)	0.0061			Y	4
LB22-VOC1-4-6'	17B0591-08	Trichloroethylene (TCE)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Trichloroethylene (TCE)		U		Y	4
TRIP BLANK	17B0591-11	Trichloroethylene (TCE)		U		Y	4
B170605-BLK1	B170605-BLK1	Trichlorofluoromethane		U		Y	4
B170605-BS1	B170605-BS1	Trichlorofluoromethane	0.0238			Y	4
B170605-BSD1	B170605-BSD1	Trichlorofluoromethane	0.0229			Y	4
B170743-BLK1	B170743-BLK1	Trichlorofluoromethane		U		Y	4
B170743-BS1	B170743-BS1	Trichlorofluoromethane	9.42			Y	4
B170743-BSD1	B170743-BSD1	Trichlorofluoromethane	9.05			Y	4
LB-16-COMP1-0-2'	17B0591-01	Trichlorofluoromethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Trichlorofluoromethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Trichlorofluoromethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Trichlorofluoromethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Trichlorofluoromethane		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Trichlorofluoromethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Trichlorofluoromethane		U		Y	4
TRIP BLANK	17B0591-11	Trichlorofluoromethane		U		Y	4
B170605-BLK1	B170605-BLK1	Vinyl Chloride		U		Y	4
B170605-BS1	B170605-BS1	Vinyl Chloride	0.019			Y	4
B170605-BSD1	B170605-BSD1	Vinyl Chloride	0.0183			Y	4
B170743-BLK1	B170743-BLK1	Vinyl Chloride		U		Y	4
B170743-BS1	B170743-BS1	Vinyl Chloride	7.62			Y	4
B170743-BSD1	B170743-BSD1	Vinyl Chloride	7.49			Y	4
LB-16-COMP1-0-2'	17B0591-01	Vinyl Chloride		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Vinyl Chloride		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Vinyl Chloride		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-19-COMP2-5.4-7'	17B0591-06	Vinyl Chloride		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Vinyl Chloride		U		Y	4
LB22-VOC1-4-6'	17B0591-08	Vinyl Chloride		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Vinyl Chloride		U		Y	4
TRIP BLANK	17B0591-11	Vinyl Chloride		U		Y	4
B170578-BLK1	B170578-BLK1	1,2,4,5-Tetrachlorobenzene		U		Y	4
B170578-BS1	B170578-BS1	1,2,4,5-Tetrachlorobenzene	1.26			Y	4
B170578-BSD1	B170578-BSD1	1,2,4,5-Tetrachlorobenzene	1.33			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2,4,5-Tetrachlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2,4,5-Tetrachlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2,4,5-Tetrachlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2,4,5-Tetrachlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2,4,5-Tetrachlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2,4,5-Tetrachlorobenzene		U		Y	4
B170578-BLK1	B170578-BLK1	1,2,4-Trichlorobenzene		U		Y	4
B170578-BS1	B170578-BS1	1,2,4-Trichlorobenzene	1.08			Y	4
B170578-BSD1	B170578-BSD1	1,2,4-Trichlorobenzene	1.14			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2,4-Trichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2,4-Trichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2,4-Trichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2,4-Trichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2,4-Trichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2,4-Trichlorobenzene		U		Y	4
B170578-BLK1	B170578-BLK1	1,2-Dichlorobenzene		U		Y	4
B170578-BS1	B170578-BS1	1,2-Dichlorobenzene	1.02			Y	4
B170578-BSD1	B170578-BSD1	1,2-Dichlorobenzene	1.05			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2-Dichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2-Dichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2-Dichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2-Dichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2-Dichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2-Dichlorobenzene		U		Y	4
B170578-BLK1	B170578-BLK1	1,2-Diphenylhydrazine		U		Y	4
B170578-BS1	B170578-BS1	1,2-Diphenylhydrazine	1.2			Y	4
B170578-BSD1	B170578-BSD1	1,2-Diphenylhydrazine	1.33			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,2-Diphenylhydrazine		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,2-Diphenylhydrazine		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,2-Diphenylhydrazine		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,2-Diphenylhydrazine		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,2-Diphenylhydrazine		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,2-Diphenylhydrazine		U		Y	4
B170578-BLK1	B170578-BLK1	1,3-Dichlorobenzene		U		Y	4
B170578-BS1	B170578-BS1	1,3-Dichlorobenzene	0.988			Y	4
B170578-BSD1	B170578-BSD1	1,3-Dichlorobenzene	1.01			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,3-Dichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,3-Dichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,3-Dichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,3-Dichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,3-Dichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,3-Dichlorobenzene		U		Y	4
B170578-BLK1	B170578-BLK1	1,4-Dichlorobenzene		U		Y	4
B170578-BS1	B170578-BS1	1,4-Dichlorobenzene	0.991			Y	4
B170578-BSD1	B170578-BSD1	1,4-Dichlorobenzene	1.03			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,4-Dichlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1,4-Dichlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,4-Dichlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,4-Dichlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1,4-Dichlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1,4-Dichlorobenzene		U		Y	4
B170578-BLK1	B170578-BLK1	1,4-Dichlorobenzene-D4	1.3			Y	4
B170578-BS1	B170578-BS1	1,4-Dichlorobenzene-D4	1.33			Y	4
B170578-BSD1	B170578-BSD1	1,4-Dichlorobenzene-D4	1.33			Y	4
LB-16-COMP1-0-2'	17B0591-01	1,4-Dichlorobenzene-D4	1.7			Y	4
LB-17-COMP1-1-3'	17B0591-02	1,4-Dichlorobenzene-D4	1.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1,4-Dichlorobenzene-D4	1.7			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1,4-Dichlorobenzene-D4	1.7			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-20-COMP1-0-4'	17B0591-04	1,4-Dichlorobenzene-D4	1.6			Y	4
LB-24-COMP1-1-3'	17B0591-05	1,4-Dichlorobenzene-D4	1.5			Y	4
B170578-BLK1	B170578-BLK1	1-Methylnaphthalene		U		Y	4
B170578-BS1	B170578-BS1	1-Methylnaphthalene	1.07			Y	4
B170578-BSD1	B170578-BSD1	1-Methylnaphthalene	1.14			Y	4
LB-16-COMP1-0-2'	17B0591-01	1-Methylnaphthalene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	1-Methylnaphthalene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	1-Methylnaphthalene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	1-Methylnaphthalene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	1-Methylnaphthalene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	1-Methylnaphthalene	0.81			Y	4
B170578-BLK1	B170578-BLK1	2,4,5-Trichlorophenol		U		Y	4
B170578-BS1	B170578-BS1	2,4,5-Trichlorophenol	1.34			Y	4
B170578-BSD1	B170578-BSD1	2,4,5-Trichlorophenol	1.45			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4,5-Trichlorophenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4,5-Trichlorophenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4,5-Trichlorophenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4,5-Trichlorophenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4,5-Trichlorophenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4,5-Trichlorophenol		U		Y	4
B170578-BLK1	B170578-BLK1	2,4,6-Tribromophenol	88			Y	4
B170578-BS1	B170578-BS1	2,4,6-Tribromophenol	92.1			Y	4
B170578-BSD1	B170578-BSD1	2,4,6-Tribromophenol	101			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4,6-Tribromophenol	65			Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4,6-Tribromophenol	51			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4,6-Tribromophenol	56.8			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4,6-Tribromophenol	94.4			Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4,6-Tribromophenol	44.8			Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4,6-Tribromophenol	44.2			Y	4
B170578-BLK1	B170578-BLK1	2,4,6-Trichlorophenol		U		Y	4
B170578-BS1	B170578-BS1	2,4,6-Trichlorophenol	1.32			Y	4
B170578-BSD1	B170578-BSD1	2,4,6-Trichlorophenol	1.43			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4,6-Trichlorophenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4,6-Trichlorophenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4,6-Trichlorophenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4,6-Trichlorophenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4,6-Trichlorophenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4,6-Trichlorophenol		U		Y	4
B170578-BLK1	B170578-BLK1	2,4-Dichlorophenol		U		Y	4
B170578-BS1	B170578-BS1	2,4-Dichlorophenol	1.14			Y	4
B170578-BSD1	B170578-BSD1	2,4-Dichlorophenol	1.23			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4-Dichlorophenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4-Dichlorophenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4-Dichlorophenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4-Dichlorophenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4-Dichlorophenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4-Dichlorophenol		U		Y	4
B170578-BLK1	B170578-BLK1	2,4-Dimethylphenol		U		Y	4
B170578-BS1	B170578-BS1	2,4-Dimethylphenol	1.07			Y	4
B170578-BSD1	B170578-BSD1	2,4-Dimethylphenol	1.18			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4-Dimethylphenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4-Dimethylphenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4-Dimethylphenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4-Dimethylphenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4-Dimethylphenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4-Dimethylphenol		U		Y	4
B170578-BLK1	B170578-BLK1	2,4-Dinitrophenol		U		Y	4
B170578-BS1	B170578-BS1	2,4-Dinitrophenol	1.05			Y	4
B170578-BSD1	B170578-BSD1	2,4-Dinitrophenol	1.36			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4-Dinitrophenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4-Dinitrophenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4-Dinitrophenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4-Dinitrophenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4-Dinitrophenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4-Dinitrophenol		U		Y	4
B170578-BLK1	B170578-BLK1	2,4-Dinitrotoluene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170578-BS1	B170578-BS1	2,4-Dinitrotoluene	1.38			Y	4
B170578-BSD1	B170578-BSD1	2,4-Dinitrotoluene	1.53			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,4-Dinitrotoluene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2,4-Dinitrotoluene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,4-Dinitrotoluene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,4-Dinitrotoluene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2,4-Dinitrotoluene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2,4-Dinitrotoluene		U		Y	4
B170578-BLK1	B170578-BLK1	2,6-Dinitrotoluene		U		Y	4
B170578-BS1	B170578-BS1	2,6-Dinitrotoluene	1.41			Y	4
B170578-BSD1	B170578-BSD1	2,6-Dinitrotoluene	1.55			Y	4
LB-16-COMP1-0-2'	17B0591-01	2,6-Dinitrotoluene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2,6-Dinitrotoluene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2,6-Dinitrotoluene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2,6-Dinitrotoluene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2,6-Dinitrotoluene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2,6-Dinitrotoluene		U		Y	4
B170578-BLK1	B170578-BLK1	2-Chloronaphthalene		U		Y	4
B170578-BS1	B170578-BS1	2-Chloronaphthalene	1.11			Y	4
B170578-BSD1	B170578-BSD1	2-Chloronaphthalene	1.21			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Chloronaphthalene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Chloronaphthalene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Chloronaphthalene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Chloronaphthalene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Chloronaphthalene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Chloronaphthalene		U		Y	4
B170578-BLK1	B170578-BLK1	2-Chlorophenol		U		Y	4
B170578-BS1	B170578-BS1	2-Chlorophenol	1.11			Y	4
B170578-BSD1	B170578-BSD1	2-Chlorophenol	1.13			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Chlorophenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Chlorophenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Chlorophenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Chlorophenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Chlorophenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Chlorophenol		U		Y	4
B170578-BLK1	B170578-BLK1	2-Fluorobiphenyl	81.2			Y	4
B170578-BS1	B170578-BS1	2-Fluorobiphenyl	82.2			Y	4
B170578-BSD1	B170578-BSD1	2-Fluorobiphenyl	88.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Fluorobiphenyl	66.2			Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Fluorobiphenyl	55.6			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Fluorobiphenyl	63.5			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Fluorobiphenyl	90.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Fluorobiphenyl	53.4			Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Fluorobiphenyl	86.3			Y	4
B170578-BLK1	B170578-BLK1	2-Fluorophenol	70.1			Y	4
B170578-BS1	B170578-BS1	2-Fluorophenol	70.4			Y	4
B170578-BSD1	B170578-BSD1	2-Fluorophenol	72.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Fluorophenol	56			Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Fluorophenol	45.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Fluorophenol	50.6			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Fluorophenol	68.3			Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Fluorophenol	44.7			Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Fluorophenol	64.5			Y	4
B170578-BLK1	B170578-BLK1	2-Methylnaphthalene		U		Y	4
B170578-BS1	B170578-BS1	2-Methylnaphthalene	1.15			Y	4
B170578-BSD1	B170578-BSD1	2-Methylnaphthalene	1.21			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Methylnaphthalene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Methylnaphthalene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Methylnaphthalene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Methylnaphthalene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Methylnaphthalene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Methylnaphthalene	1			Y	4
B170578-BLK1	B170578-BLK1	2-Methylphenol (O-Cresol)		U		Y	4
B170578-BS1	B170578-BS1	2-Methylphenol (O-Cresol)	1.13			Y	4
B170578-BSD1	B170578-BSD1	2-Methylphenol (O-Cresol)	1.19			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Methylphenol (O-Cresol)		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-17-COMP1-1-3'	17B0591-02	2-Methylphenol (O-Cresol)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Methylphenol (O-Cresol)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Methylphenol (O-Cresol)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Methylphenol (O-Cresol)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Methylphenol (O-Cresol)		U		Y	4
B170578-BLK1	B170578-BLK1	2-Nitroaniline		U		Y	4
B170578-BS1	B170578-BS1	2-Nitroaniline	1.3			Y	4
B170578-BSD1	B170578-BSD1	2-Nitroaniline	1.45			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Nitroaniline		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Nitroaniline		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Nitroaniline		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Nitroaniline		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Nitroaniline		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Nitroaniline		U		Y	4
B170578-BLK1	B170578-BLK1	2-Nitrophenol		U		Y	4
B170578-BS1	B170578-BS1	2-Nitrophenol	1.11			Y	4
B170578-BSD1	B170578-BSD1	2-Nitrophenol	1.18			Y	4
LB-16-COMP1-0-2'	17B0591-01	2-Nitrophenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	2-Nitrophenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	2-Nitrophenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	2-Nitrophenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	2-Nitrophenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	2-Nitrophenol		U		Y	4
B170578-BLK1	B170578-BLK1	3- And 4- Methylphenol (Total)		U		Y	4
B170578-BS1	B170578-BS1	3- And 4- Methylphenol (Total)	1.15			Y	4
B170578-BSD1	B170578-BSD1	3- And 4- Methylphenol (Total)	1.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	3- And 4- Methylphenol (Total)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	3- And 4- Methylphenol (Total)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	3- And 4- Methylphenol (Total)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	3- And 4- Methylphenol (Total)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	3- And 4- Methylphenol (Total)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	3- And 4- Methylphenol (Total)		U		Y	4
B170578-BLK1	B170578-BLK1	3,3'-Dichlorobenzidine		U		Y	4
B170578-BS1	B170578-BS1	3,3'-Dichlorobenzidine	0.766			Y	4
B170578-BSD1	B170578-BSD1	3,3'-Dichlorobenzidine	0.838			Y	4
LB-16-COMP1-0-2'	17B0591-01	3,3'-Dichlorobenzidine		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	3,3'-Dichlorobenzidine		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	3,3'-Dichlorobenzidine		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	3,3'-Dichlorobenzidine		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	3,3'-Dichlorobenzidine		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	3,3'-Dichlorobenzidine		U		Y	4
B170578-BLK1	B170578-BLK1	3-Nitroaniline		U		Y	4
B170578-BS1	B170578-BS1	3-Nitroaniline	1.08			Y	4
B170578-BSD1	B170578-BSD1	3-Nitroaniline	1.16			Y	4
LB-16-COMP1-0-2'	17B0591-01	3-Nitroaniline		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	3-Nitroaniline		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	3-Nitroaniline		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	3-Nitroaniline		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	3-Nitroaniline		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	3-Nitroaniline		U		Y	4
B170578-BLK1	B170578-BLK1	4,6-Dinitro-2-Methylphenol		U		Y	4
B170578-BS1	B170578-BS1	4,6-Dinitro-2-Methylphenol	1.12			Y	4
B170578-BSD1	B170578-BSD1	4,6-Dinitro-2-Methylphenol	1.32			Y	4
LB-16-COMP1-0-2'	17B0591-01	4,6-Dinitro-2-Methylphenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	4,6-Dinitro-2-Methylphenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	4,6-Dinitro-2-Methylphenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	4,6-Dinitro-2-Methylphenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	4,6-Dinitro-2-Methylphenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	4,6-Dinitro-2-Methylphenol		U		Y	4
B170578-BLK1	B170578-BLK1	4-Bromophenyl Phenyl Ether		U		Y	4
B170578-BS1	B170578-BS1	4-Bromophenyl Phenyl Ether	1.21			Y	4
B170578-BSD1	B170578-BSD1	4-Bromophenyl Phenyl Ether	1.32			Y	4
LB-16-COMP1-0-2'	17B0591-01	4-Bromophenyl Phenyl Ether		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	4-Bromophenyl Phenyl Ether		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	4-Bromophenyl Phenyl Ether		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	4-Bromophenyl Phenyl Ether		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-20-COMP1-0-4'	17B0591-04	4-Bromophenyl Phenyl Ether		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	4-Bromophenyl Phenyl Ether		U		Y	4
B170578-BLK1	B170578-BLK1	4-Chloro-3-Methylphenol		U		Y	4
B170578-BS1	B170578-BS1	4-Chloro-3-Methylphenol	1.12			Y	4
B170578-BSD1	B170578-BSD1	4-Chloro-3-Methylphenol	1.22			Y	4
LB-16-COMP1-0-2'	17B0591-01	4-Chloro-3-Methylphenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	4-Chloro-3-Methylphenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	4-Chloro-3-Methylphenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	4-Chloro-3-Methylphenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	4-Chloro-3-Methylphenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	4-Chloro-3-Methylphenol		U		Y	4
B170578-BLK1	B170578-BLK1	4-Chloroaniline		U		Y	4
B170578-BS1	B170578-BS1	4-Chloroaniline		U		Y	4
B170578-BSD1	B170578-BSD1	4-Chloroaniline		U		Y	4
LB-16-COMP1-0-2'	17B0591-01	4-Chloroaniline		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	4-Chloroaniline		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	4-Chloroaniline		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	4-Chloroaniline		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	4-Chloroaniline		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	4-Chloroaniline		U		Y	4
B170578-BLK1	B170578-BLK1	4-Chlorophenyl Phenyl Ether		U		Y	4
B170578-BS1	B170578-BS1	4-Chlorophenyl Phenyl Ether	1.34			Y	4
B170578-BSD1	B170578-BSD1	4-Chlorophenyl Phenyl Ether	1.46			Y	4
LB-16-COMP1-0-2'	17B0591-01	4-Chlorophenyl Phenyl Ether		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	4-Chlorophenyl Phenyl Ether		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	4-Chlorophenyl Phenyl Ether		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	4-Chlorophenyl Phenyl Ether		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	4-Chlorophenyl Phenyl Ether		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	4-Chlorophenyl Phenyl Ether		U		Y	4
B170578-BLK1	B170578-BLK1	4-Nitroaniline		U		Y	4
B170578-BS1	B170578-BS1	4-Nitroaniline	1.29			Y	4
B170578-BSD1	B170578-BSD1	4-Nitroaniline	1.46			Y	4
LB-16-COMP1-0-2'	17B0591-01	4-Nitroaniline		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	4-Nitroaniline		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	4-Nitroaniline		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	4-Nitroaniline		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	4-Nitroaniline		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	4-Nitroaniline		U		Y	4
B170578-BLK1	B170578-BLK1	4-Nitrophenol		U		Y	4
B170578-BS1	B170578-BS1	4-Nitrophenol	1.33			Y	4
B170578-BSD1	B170578-BSD1	4-Nitrophenol	1.5			Y	4
LB-16-COMP1-0-2'	17B0591-01	4-Nitrophenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	4-Nitrophenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	4-Nitrophenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	4-Nitrophenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	4-Nitrophenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	4-Nitrophenol		U		Y	4
B170578-BLK1	B170578-BLK1	Acenaphthene		U		Y	4
B170578-BS1	B170578-BS1	Acenaphthene	1.25			Y	4
B170578-BSD1	B170578-BSD1	Acenaphthene	1.29			Y	4
LB-16-COMP1-0-2'	17B0591-01	Acenaphthene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Acenaphthene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Acenaphthene	0.33			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Acenaphthene	0.23			Y	4
LB-20-COMP1-0-4'	17B0591-04	Acenaphthene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Acenaphthene		U		Y	4
B170578-BLK1	B170578-BLK1	Acenaphthene-D10	1.3			Y	4
B170578-BS1	B170578-BS1	Acenaphthene-D10	1.33			Y	4
B170578-BSD1	B170578-BSD1	Acenaphthene-D10	1.33			Y	4
LB-16-COMP1-0-2'	17B0591-01	Acenaphthene-D10	1.7			Y	4
LB-17-COMP1-1-3'	17B0591-02	Acenaphthene-D10	1.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Acenaphthene-D10	1.7			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Acenaphthene-D10	1.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	Acenaphthene-D10	1.6			Y	4
LB-24-COMP1-1-3'	17B0591-05	Acenaphthene-D10	1.5			Y	4
B170578-BLK1	B170578-BLK1	Acenaphthylene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170578-BS1	B170578-BS1	Acenaphthylene	1.23			Y	4
B170578-BSD1	B170578-BSD1	Acenaphthylene	1.35			Y	4
LB-16-COMP1-0-2'	17B0591-01	Acenaphthylene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Acenaphthylene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Acenaphthylene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Acenaphthylene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Acenaphthylene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Acenaphthylene		U		Y	4
B170578-BLK1	B170578-BLK1	Acetophenone		U		Y	4
B170578-BS1	B170578-BS1	Acetophenone	1.1			Y	4
B170578-BSD1	B170578-BSD1	Acetophenone	1.13			Y	4
LB-16-COMP1-0-2'	17B0591-01	Acetophenone		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Acetophenone		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Acetophenone		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Acetophenone		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Acetophenone		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Acetophenone		U		Y	4
B170578-BLK1	B170578-BLK1	Aniline		U		Y	4
B170578-BS1	B170578-BS1	Aniline	0.655			Y	4
B170578-BSD1	B170578-BSD1	Aniline	0.717			Y	4
LB-16-COMP1-0-2'	17B0591-01	Aniline		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Aniline		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Aniline		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Aniline		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Aniline		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Aniline		U		Y	4
B170578-BLK1	B170578-BLK1	Anthracene		U		Y	4
B170578-BS1	B170578-BS1	Anthracene	1.18			Y	4
B170578-BSD1	B170578-BSD1	Anthracene	1.31			Y	4
LB-16-COMP1-0-2'	17B0591-01	Anthracene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Anthracene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Anthracene	0.64			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Anthracene	0.48			Y	4
LB-20-COMP1-0-4'	17B0591-04	Anthracene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Anthracene		U		Y	4
B170578-BLK1	B170578-BLK1	Benzidine		U	UJ	Y	4
B170578-BS1	B170578-BS1	Benzidine		U	UJ	Y	4
B170578-BSD1	B170578-BSD1	Benzidine	0.689		J	Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzidine		U	UJ	Y	4
LB-17-COMP1-1-3'	17B0591-02	Benzidine		U	UJ	Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzidine		U	UJ	Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzidine		U	UJ	Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzidine		U	UJ	Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzidine		U	UJ	Y	4
B170578-BLK1	B170578-BLK1	Benzo(A)Anthracene		U		Y	4
B170578-BS1	B170578-BS1	Benzo(A)Anthracene	1.25			Y	4
B170578-BSD1	B170578-BSD1	Benzo(A)Anthracene	1.36			Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzo(A)Anthracene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Benzo(A)Anthracene	0.35			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzo(A)Anthracene	2.3			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzo(A)Anthracene	1.9			Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzo(A)Anthracene	0.3			Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzo(A)Anthracene	0.29			Y	4
B170578-BLK1	B170578-BLK1	Benzo(A)Pyrene		U		Y	4
B170578-BS1	B170578-BS1	Benzo(A)Pyrene	1.16			Y	4
B170578-BSD1	B170578-BSD1	Benzo(A)Pyrene	1.28			Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzo(A)Pyrene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Benzo(A)Pyrene	0.24			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzo(A)Pyrene	1.6			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzo(A)Pyrene	1.4			Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzo(A)Pyrene	0.22			Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzo(A)Pyrene	0.22			Y	4
B170578-BLK1	B170578-BLK1	Benzo(B)Fluoranthene		U		Y	4
B170578-BS1	B170578-BS1	Benzo(B)Fluoranthene	1.13			Y	4
B170578-BSD1	B170578-BSD1	Benzo(B)Fluoranthene	1.24			Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzo(B)Fluoranthene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-17-COMP1-1-3'	17B0591-02	Benzo(B)Fluoranthene	0.33			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzo(B)Fluoranthene	1.9			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzo(B)Fluoranthene	1.9			Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzo(B)Fluoranthene	0.28			Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzo(B)Fluoranthene	0.3			Y	4
B170578-BLK1	B170578-BLK1	Benzo(G,H,I)Perylene		U		Y	4
B170578-BS1	B170578-BS1	Benzo(G,H,I)Perylene	0.978			Y	4
B170578-BSD1	B170578-BSD1	Benzo(G,H,I)Perylene	1.14			Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzo(G,H,I)Perylene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Benzo(G,H,I)Perylene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzo(G,H,I)Perylene	0.94			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzo(G,H,I)Perylene	0.64			Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzo(G,H,I)Perylene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzo(G,H,I)Perylene		U		Y	4
B170578-BLK1	B170578-BLK1	Benzo(K)Fluoranthene		U		Y	4
B170578-BS1	B170578-BS1	Benzo(K)Fluoranthene	1.15			Y	4
B170578-BSD1	B170578-BSD1	Benzo(K)Fluoranthene	1.25			Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzo(K)Fluoranthene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Benzo(K)Fluoranthene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzo(K)Fluoranthene	0.76			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzo(K)Fluoranthene	0.67			Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzo(K)Fluoranthene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzo(K)Fluoranthene		U		Y	4
B170578-BLK1	B170578-BLK1	Benzoic Acid		U		Y	4
B170578-BS1	B170578-BS1	Benzoic Acid		U		Y	4
B170578-BSD1	B170578-BSD1	Benzoic Acid	1.21			Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzoic Acid		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Benzoic Acid		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzoic Acid		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzoic Acid		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzoic Acid		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzoic Acid		U		Y	4
B170578-BLK1	B170578-BLK1	Benzyl Butyl Phthalate		U		Y	4
B170578-BS1	B170578-BS1	Benzyl Butyl Phthalate	1.25			Y	4
B170578-BSD1	B170578-BSD1	Benzyl Butyl Phthalate	1.37			Y	4
LB-16-COMP1-0-2'	17B0591-01	Benzyl Butyl Phthalate		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Benzyl Butyl Phthalate		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Benzyl Butyl Phthalate		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Benzyl Butyl Phthalate		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Benzyl Butyl Phthalate		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Benzyl Butyl Phthalate		U		Y	4
B170578-BLK1	B170578-BLK1	Bis(2-Chloroethoxy) Methane		U		Y	4
B170578-BS1	B170578-BS1	Bis(2-Chloroethoxy) Methane	1.14			Y	4
B170578-BSD1	B170578-BSD1	Bis(2-Chloroethoxy) Methane	1.21			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bis(2-Chloroethoxy) Methane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bis(2-Chloroethoxy) Methane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bis(2-Chloroethoxy) Methane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bis(2-Chloroethoxy) Methane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Bis(2-Chloroethoxy) Methane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bis(2-Chloroethoxy) Methane		U		Y	4
B170578-BLK1	B170578-BLK1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
B170578-BS1	B170578-BS1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.11			Y	4
B170578-BSD1	B170578-BSD1	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.14			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		U		Y	4
B170578-BLK1	B170578-BLK1	Bis(2-Chloroisopropyl) Ether		U		Y	4
B170578-BS1	B170578-BS1	Bis(2-Chloroisopropyl) Ether	1.04			Y	4
B170578-BSD1	B170578-BSD1	Bis(2-Chloroisopropyl) Ether	1.07			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bis(2-Chloroisopropyl) Ether		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bis(2-Chloroisopropyl) Ether		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bis(2-Chloroisopropyl) Ether		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bis(2-Chloroisopropyl) Ether		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-20-COMP1-0-4'	17B0591-04	Bis(2-Chloroisopropyl) Ether		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bis(2-Chloroisopropyl) Ether		U		Y	4
B170578-BLK1	B170578-BLK1	Bis(2-Ethylhexyl) Phthalate		U		Y	4
B170578-BS1	B170578-BS1	Bis(2-Ethylhexyl) Phthalate	1.14			Y	4
B170578-BSD1	B170578-BSD1	Bis(2-Ethylhexyl) Phthalate	1.28			Y	4
LB-16-COMP1-0-2'	17B0591-01	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Bis(2-Ethylhexyl) Phthalate		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Bis(2-Ethylhexyl) Phthalate		U		Y	4
B170578-BLK1	B170578-BLK1	Carbazole		U		Y	4
B170578-BS1	B170578-BS1	Carbazole	1.13			Y	4
B170578-BSD1	B170578-BSD1	Carbazole	1.28			Y	4
LB-16-COMP1-0-2'	17B0591-01	Carbazole		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Carbazole		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Carbazole	0.22			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Carbazole	0.25			Y	4
LB-20-COMP1-0-4'	17B0591-04	Carbazole		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Carbazole		U		Y	4
B170578-BLK1	B170578-BLK1	Chrysene		U		Y	4
B170578-BS1	B170578-BS1	Chrysene	1.2			Y	4
B170578-BSD1	B170578-BSD1	Chrysene	1.31			Y	4
LB-16-COMP1-0-2'	17B0591-01	Chrysene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Chrysene	0.4			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chrysene	2.5			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Chrysene	2			Y	4
LB-20-COMP1-0-4'	17B0591-04	Chrysene	0.3			Y	4
LB-24-COMP1-1-3'	17B0591-05	Chrysene	0.36			Y	4
B170578-BLK1	B170578-BLK1	Chrysene-D12	1.3			Y	4
B170578-BS1	B170578-BS1	Chrysene-D12	1.33			Y	4
B170578-BSD1	B170578-BSD1	Chrysene-D12	1.33			Y	4
LB-16-COMP1-0-2'	17B0591-01	Chrysene-D12	1.7			Y	4
LB-17-COMP1-1-3'	17B0591-02	Chrysene-D12	1.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Chrysene-D12	1.7			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Chrysene-D12	1.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	Chrysene-D12	1.6			Y	4
LB-24-COMP1-1-3'	17B0591-05	Chrysene-D12	1.5			Y	4
B170578-BLK1	B170578-BLK1	Dibenz(A,H)Anthracene		U		Y	4
B170578-BS1	B170578-BS1	Dibenz(A,H)Anthracene	0.997			Y	4
B170578-BSD1	B170578-BSD1	Dibenz(A,H)Anthracene	1.18			Y	4
LB-16-COMP1-0-2'	17B0591-01	Dibenz(A,H)Anthracene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Dibenz(A,H)Anthracene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Dibenz(A,H)Anthracene	0.26			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Dibenz(A,H)Anthracene	0.22			Y	4
LB-20-COMP1-0-4'	17B0591-04	Dibenz(A,H)Anthracene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Dibenz(A,H)Anthracene		U		Y	4
B170578-BLK1	B170578-BLK1	Dibenzofuran		U		Y	4
B170578-BS1	B170578-BS1	Dibenzofuran	1.34			Y	4
B170578-BSD1	B170578-BSD1	Dibenzofuran	1.44			Y	4
LB-16-COMP1-0-2'	17B0591-01	Dibenzofuran		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Dibenzofuran		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Dibenzofuran		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Dibenzofuran		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Dibenzofuran		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Dibenzofuran		U		Y	4
B170578-BLK1	B170578-BLK1	Diethyl Phthalate		U		Y	4
B170578-BS1	B170578-BS1	Diethyl Phthalate	1.33			Y	4
B170578-BSD1	B170578-BSD1	Diethyl Phthalate	1.44			Y	4
LB-16-COMP1-0-2'	17B0591-01	Diethyl Phthalate		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Diethyl Phthalate		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Diethyl Phthalate		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Diethyl Phthalate		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Diethyl Phthalate		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Diethyl Phthalate		U		Y	4
B170578-BLK1	B170578-BLK1	Dimethyl Phthalate		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170578-BS1	B170578-BS1	Dimethyl Phthalate	1.32			Y	4
B170578-BSD1	B170578-BSD1	Dimethyl Phthalate	1.45			Y	4
LB-16-COMP1-0-2'	17B0591-01	Dimethyl Phthalate		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Dimethyl Phthalate		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Dimethyl Phthalate		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Dimethyl Phthalate		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Dimethyl Phthalate		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Dimethyl Phthalate		U		Y	4
B170578-BLK1	B170578-BLK1	Di-N-Butyl Phthalate		U		Y	4
B170578-BS1	B170578-BS1	Di-N-Butyl Phthalate	1.13			Y	4
B170578-BSD1	B170578-BSD1	Di-N-Butyl Phthalate	1.27			Y	4
LB-16-COMP1-0-2'	17B0591-01	Di-N-Butyl Phthalate		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Di-N-Butyl Phthalate		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Di-N-Butyl Phthalate		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Di-N-Butyl Phthalate		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Di-N-Butyl Phthalate		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Di-N-Butyl Phthalate		U		Y	4
B170578-BLK1	B170578-BLK1	Di-N-Octylphthalate		U		Y	4
B170578-BS1	B170578-BS1	Di-N-Octylphthalate	1.04			Y	4
B170578-BSD1	B170578-BSD1	Di-N-Octylphthalate	1.14			Y	4
LB-16-COMP1-0-2'	17B0591-01	Di-N-Octylphthalate		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Di-N-Octylphthalate		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Di-N-Octylphthalate		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Di-N-Octylphthalate		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Di-N-Octylphthalate		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Di-N-Octylphthalate		U		Y	4
B170578-BLK1	B170578-BLK1	Fluoranthene		U		Y	4
B170578-BS1	B170578-BS1	Fluoranthene	1.14			Y	4
B170578-BSD1	B170578-BSD1	Fluoranthene	1.28			Y	4
LB-16-COMP1-0-2'	17B0591-01	Fluoranthene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Fluoranthene	0.59			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Fluoranthene	4.2			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Fluoranthene	3.9			Y	4
LB-20-COMP1-0-4'	17B0591-04	Fluoranthene	0.57			Y	4
LB-24-COMP1-1-3'	17B0591-05	Fluoranthene	0.49			Y	4
B170578-BLK1	B170578-BLK1	Fluorene		U		Y	4
B170578-BS1	B170578-BS1	Fluorene	1.29			Y	4
B170578-BSD1	B170578-BSD1	Fluorene	1.42			Y	4
LB-16-COMP1-0-2'	17B0591-01	Fluorene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Fluorene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Fluorene	0.29			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Fluorene	0.23			Y	4
LB-20-COMP1-0-4'	17B0591-04	Fluorene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Fluorene		U		Y	4
B170578-BLK1	B170578-BLK1	Hexachlorobenzene		U		Y	4
B170578-BS1	B170578-BS1	Hexachlorobenzene	1.16			Y	4
B170578-BSD1	B170578-BSD1	Hexachlorobenzene	1.27			Y	4
LB-16-COMP1-0-2'	17B0591-01	Hexachlorobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Hexachlorobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Hexachlorobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Hexachlorobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Hexachlorobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Hexachlorobenzene		U		Y	4
B170578-BLK1	B170578-BLK1	Hexachlorobutadiene		U		Y	4
B170578-BS1	B170578-BS1	Hexachlorobutadiene	1.09			Y	4
B170578-BSD1	B170578-BSD1	Hexachlorobutadiene	1.13			Y	4
LB-16-COMP1-0-2'	17B0591-01	Hexachlorobutadiene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Hexachlorobutadiene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Hexachlorobutadiene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Hexachlorobutadiene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Hexachlorobutadiene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Hexachlorobutadiene		U		Y	4
B170578-BLK1	B170578-BLK1	Hexachlorocyclopentadiene		U		Y	4
B170578-BS1	B170578-BS1	Hexachlorocyclopentadiene	1.03			Y	4
B170578-BSD1	B170578-BSD1	Hexachlorocyclopentadiene	1.08			Y	4
LB-16-COMP1-0-2'	17B0591-01	Hexachlorocyclopentadiene		U		Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-17-COMP1-1-3'	17B0591-02	Hexachlorocyclopentadiene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Hexachlorocyclopentadiene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Hexachlorocyclopentadiene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Hexachlorocyclopentadiene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Hexachlorocyclopentadiene		U		Y	4
B170578-BLK1	B170578-BLK1	Hexachloroethane		U		Y	4
B170578-BS1	B170578-BS1	Hexachloroethane	0.999			Y	4
B170578-BSD1	B170578-BSD1	Hexachloroethane	1.02			Y	4
LB-16-COMP1-0-2'	17B0591-01	Hexachloroethane		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Hexachloroethane		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Hexachloroethane		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Hexachloroethane		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Hexachloroethane		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Hexachloroethane		U		Y	4
B170578-BLK1	B170578-BLK1	Indeno(1,2,3-C,D)Pyrene		U		Y	4
B170578-BS1	B170578-BS1	Indeno(1,2,3-C,D)Pyrene	1.08			Y	4
B170578-BSD1	B170578-BSD1	Indeno(1,2,3-C,D)Pyrene	1.26			Y	4
LB-16-COMP1-0-2'	17B0591-01	Indeno(1,2,3-C,D)Pyrene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Indeno(1,2,3-C,D)Pyrene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Indeno(1,2,3-C,D)Pyrene	0.94			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Indeno(1,2,3-C,D)Pyrene	0.71			Y	4
LB-20-COMP1-0-4'	17B0591-04	Indeno(1,2,3-C,D)Pyrene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Indeno(1,2,3-C,D)Pyrene		U		Y	4
B170578-BLK1	B170578-BLK1	Isophorone		U		Y	4
B170578-BS1	B170578-BS1	Isophorone	1.09			Y	4
B170578-BSD1	B170578-BSD1	Isophorone	1.17			Y	4
LB-16-COMP1-0-2'	17B0591-01	Isophorone		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Isophorone		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Isophorone		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Isophorone		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Isophorone		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Isophorone		U		Y	4
B170578-BLK1	B170578-BLK1	Naphthalene		U		Y	4
B170578-BS1	B170578-BS1	Naphthalene	1.06			Y	4
B170578-BSD1	B170578-BSD1	Naphthalene	1.11			Y	4
LB-16-COMP1-0-2'	17B0591-01	Naphthalene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Naphthalene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Naphthalene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Naphthalene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Naphthalene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Naphthalene	0.6			Y	4
B170578-BLK1	B170578-BLK1	Naphthalene-D8	1.3			Y	4
B170578-BS1	B170578-BS1	Naphthalene-D8	1.33			Y	4
B170578-BSD1	B170578-BSD1	Naphthalene-D8	1.33			Y	4
LB-16-COMP1-0-2'	17B0591-01	Naphthalene-D8	1.7			Y	4
LB-17-COMP1-1-3'	17B0591-02	Naphthalene-D8	1.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Naphthalene-D8	1.7			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Naphthalene-D8	1.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	Naphthalene-D8	1.6			Y	4
LB-24-COMP1-1-3'	17B0591-05	Naphthalene-D8	1.5			Y	4
B170578-BLK1	B170578-BLK1	Nitrobenzene		U		Y	4
B170578-BS1	B170578-BS1	Nitrobenzene	1.08			Y	4
B170578-BSD1	B170578-BSD1	Nitrobenzene	1.16			Y	4
LB-16-COMP1-0-2'	17B0591-01	Nitrobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Nitrobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Nitrobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Nitrobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Nitrobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Nitrobenzene		U		Y	4
B170578-BLK1	B170578-BLK1	Nitrobenzene-D5	68.6			Y	4
B170578-BS1	B170578-BS1	Nitrobenzene-D5	68.7			Y	4
B170578-BSD1	B170578-BSD1	Nitrobenzene-D5	72.9			Y	4
LB-16-COMP1-0-2'	17B0591-01	Nitrobenzene-D5	55.2			Y	4
LB-17-COMP1-1-3'	17B0591-02	Nitrobenzene-D5	46			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Nitrobenzene-D5	51.1			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Nitrobenzene-D5	76.4			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
LB-20-COMP1-0-4'	17B0591-04	Nitrobenzene-D5	44.5			Y	4
LB-24-COMP1-1-3'	17B0591-05	Nitrobenzene-D5	69.2			Y	4
B170578-BLK1	B170578-BLK1	N-Nitrosodimethylamine		U		Y	4
B170578-BS1	B170578-BS1	N-Nitrosodimethylamine	1.03			Y	4
B170578-BSD1	B170578-BSD1	N-Nitrosodimethylamine	1.1			Y	4
LB-16-COMP1-0-2'	17B0591-01	N-Nitrosodimethylamine		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	N-Nitrosodimethylamine		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	N-Nitrosodimethylamine		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	N-Nitrosodimethylamine		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	N-Nitrosodimethylamine		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	N-Nitrosodimethylamine		U		Y	4
B170578-BLK1	B170578-BLK1	N-Nitrosodi-N-Propylamine		U		Y	4
B170578-BS1	B170578-BS1	N-Nitrosodi-N-Propylamine	1.1			Y	4
B170578-BSD1	B170578-BSD1	N-Nitrosodi-N-Propylamine	1.13			Y	4
LB-16-COMP1-0-2'	17B0591-01	N-Nitrosodi-N-Propylamine		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	N-Nitrosodi-N-Propylamine		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	N-Nitrosodi-N-Propylamine		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	N-Nitrosodi-N-Propylamine		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	N-Nitrosodi-N-Propylamine		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	N-Nitrosodi-N-Propylamine		U		Y	4
B170578-BLK1	B170578-BLK1	N-Nitrosodiphenylamine		U		Y	4
B170578-BS1	B170578-BS1	N-Nitrosodiphenylamine	1.62			Y	4
B170578-BSD1	B170578-BSD1	N-Nitrosodiphenylamine	1.79			Y	4
LB-16-COMP1-0-2'	17B0591-01	N-Nitrosodiphenylamine		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	N-Nitrosodiphenylamine		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	N-Nitrosodiphenylamine		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	N-Nitrosodiphenylamine		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	N-Nitrosodiphenylamine		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	N-Nitrosodiphenylamine		U		Y	4
B170578-BLK1	B170578-BLK1	Pentachloronitrobenzene		U		Y	4
B170578-BS1	B170578-BS1	Pentachloronitrobenzene	1.2			Y	4
B170578-BSD1	B170578-BSD1	Pentachloronitrobenzene	1.32			Y	4
LB-16-COMP1-0-2'	17B0591-01	Pentachloronitrobenzene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Pentachloronitrobenzene		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Pentachloronitrobenzene		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Pentachloronitrobenzene		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Pentachloronitrobenzene		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Pentachloronitrobenzene		U		Y	4
B170578-BLK1	B170578-BLK1	Pentachlorophenol		U		Y	4
B170578-BS1	B170578-BS1	Pentachlorophenol	0.992			Y	4
B170578-BSD1	B170578-BSD1	Pentachlorophenol	1.12			Y	4
LB-16-COMP1-0-2'	17B0591-01	Pentachlorophenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Pentachlorophenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Pentachlorophenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Pentachlorophenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Pentachlorophenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Pentachlorophenol		U		Y	4
B170578-BLK1	B170578-BLK1	Perylene-D12	1.3			Y	4
B170578-BS1	B170578-BS1	Perylene-D12	1.33			Y	4
B170578-BSD1	B170578-BSD1	Perylene-D12	1.33			Y	4
LB-16-COMP1-0-2'	17B0591-01	Perylene-D12	1.7			Y	4
LB-17-COMP1-1-3'	17B0591-02	Perylene-D12	1.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Perylene-D12	1.7			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Perylene-D12	1.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	Perylene-D12	1.6			Y	4
LB-24-COMP1-1-3'	17B0591-05	Perylene-D12	1.5			Y	4
B170578-BLK1	B170578-BLK1	Phenanthrene		U		Y	4
B170578-BS1	B170578-BS1	Phenanthrene	1.17			Y	4
B170578-BSD1	B170578-BSD1	Phenanthrene	1.3			Y	4
LB-16-COMP1-0-2'	17B0591-01	Phenanthrene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Phenanthrene	0.67			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Phenanthrene	3.8			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Phenanthrene	2.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	Phenanthrene	0.65			Y	4
LB-24-COMP1-1-3'	17B0591-05	Phenanthrene	0.86			Y	4
B170578-BLK1	B170578-BLK1	Phenanthrene-D10	1.3			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170578-BS1	B170578-BS1	Phenanthrene-D10	1.33			Y	4
B170578-BSD1	B170578-BSD1	Phenanthrene-D10	1.33			Y	4
LB-16-COMP1-0-2'	17B0591-01	Phenanthrene-D10	1.7			Y	4
LB-17-COMP1-1-3'	17B0591-02	Phenanthrene-D10	1.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Phenanthrene-D10	1.7			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Phenanthrene-D10	1.7			Y	4
LB-20-COMP1-0-4'	17B0591-04	Phenanthrene-D10	1.6			Y	4
LB-24-COMP1-1-3'	17B0591-05	Phenanthrene-D10	1.5			Y	4
B170578-BLK1	B170578-BLK1	Phenol		U		Y	4
B170578-BS1	B170578-BS1	Phenol	1.1			Y	4
B170578-BSD1	B170578-BSD1	Phenol	1.14			Y	4
LB-16-COMP1-0-2'	17B0591-01	Phenol		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Phenol		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Phenol		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Phenol		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Phenol		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Phenol		U		Y	4
B170578-BLK1	B170578-BLK1	Phenol-D6	72.3			Y	4
B170578-BS1	B170578-BS1	Phenol-D6	70.9			Y	4
B170578-BSD1	B170578-BSD1	Phenol-D6	74.4			Y	4
LB-16-COMP1-0-2'	17B0591-01	Phenol-D6	56.7			Y	4
LB-17-COMP1-1-3'	17B0591-02	Phenol-D6	48.1			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Phenol-D6	52.4			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Phenol-D6	77.4			Y	4
LB-20-COMP1-0-4'	17B0591-04	Phenol-D6	45.8			Y	4
LB-24-COMP1-1-3'	17B0591-05	Phenol-D6	70			Y	4
B170578-BLK1	B170578-BLK1	Pyrene		U		Y	4
B170578-BS1	B170578-BS1	Pyrene	1.3			Y	4
B170578-BSD1	B170578-BSD1	Pyrene	1.42			Y	4
LB-16-COMP1-0-2'	17B0591-01	Pyrene		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Pyrene	0.68			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Pyrene	4.9			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Pyrene	3.4			Y	4
LB-20-COMP1-0-4'	17B0591-04	Pyrene	0.63			Y	4
LB-24-COMP1-1-3'	17B0591-05	Pyrene	0.63			Y	4
B170578-BLK1	B170578-BLK1	Pyridine		U		Y	4
B170578-BS1	B170578-BS1	Pyridine	0.708			Y	4
B170578-BSD1	B170578-BSD1	Pyridine	0.758			Y	4
LB-16-COMP1-0-2'	17B0591-01	Pyridine		U		Y	4
LB-17-COMP1-1-3'	17B0591-02	Pyridine		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Pyridine		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Pyridine		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Pyridine		U		Y	4
LB-24-COMP1-1-3'	17B0591-05	Pyridine		U		Y	4
B170578-BLK1	B170578-BLK1	Terphenyl-D14	83.1			Y	4
B170578-BS1	B170578-BS1	Terphenyl-D14	84.2			Y	4
B170578-BSD1	B170578-BSD1	Terphenyl-D14	91.2			Y	4
LB-16-COMP1-0-2'	17B0591-01	Terphenyl-D14	71.5			Y	4
LB-17-COMP1-1-3'	17B0591-02	Terphenyl-D14	55.7			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Terphenyl-D14	59.8			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Terphenyl-D14	85.2			Y	4
LB-20-COMP1-0-4'	17B0591-04	Terphenyl-D14	53.2			Y	4
LB-24-COMP1-1-3'	17B0591-05	Terphenyl-D14	105			Y	4
LB-16-COMP1-0-2'	17B0591-01	Solids, Percent	77.9			Y	4
LB-16-COMP1-0-2'DUP2	B170608-DUP2	Solids, Percent	78.9			Y	4
LB-17-COMP1-1-3'	17B0591-02	Solids, Percent	79.5			Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Solids, Percent	80.4			Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Solids, Percent	79.1			Y	4
LB-20-COMP1-0-4'	17B0591-04	Solids, Percent	80.9			Y	4
LB-21-COMP1-0-4'	17B0591-07	Solids, Percent	88.5			Y	4
LB-22-COMP1-0-4'	17B0591-09	Solids, Percent	88			Y	4
LB22-VOC1-4-6'	17B0591-08	Solids, Percent	85.6			Y	4
LB-23-COMP1-0-4'	17B0591-10	Solids, Percent	84.3			Y	4
LB-24-COMP1-1-3'	17B0591-05	Solids, Percent	88.9			Y	4
B170735-BLK1	B170735-BLK1	Arsenic		U		Y	4
B170735-BS1	B170735-BS1	Arsenic	0.506			Y	4

#sys_sample_code	lab_sample_id	chemical_name	result value	lab qualifiers	validator qualifiers	validated y/n	validation level
B170735-BSD1	B170735-BSD1	Arsenic	0.501			Y	4
LB-21-COMP1-0-4'	17B0591-07	Arsenic		U		Y	4
LB-21-COMP1-0-4'MS1	B170735-MS1	Arsenic	0.53			Y	4
LB-22-COMP1-0-4'	17B0591-09	Arsenic		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Arsenic		U		Y	4
B170735-BLK1	B170735-BLK1	Barium		U		Y	4
B170735-BS1	B170735-BS1	Barium	0.523			Y	4
B170735-BSD1	B170735-BSD1	Barium	0.511			Y	4
LB-21-COMP1-0-4'	17B0591-07	Barium		U		Y	4
LB-21-COMP1-0-4'MS1	B170735-MS1	Barium	0.545			Y	4
LB-22-COMP1-0-4'	17B0591-09	Barium		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Barium		U		Y	4
B170735-BLK1	B170735-BLK1	Cadmium		U		Y	4
B170735-BS1	B170735-BS1	Cadmium	0.521			Y	4
B170735-BSD1	B170735-BSD1	Cadmium	0.51			Y	4
LB-21-COMP1-0-4'	17B0591-07	Cadmium		U		Y	4
LB-21-COMP1-0-4'MS1	B170735-MS1	Cadmium	0.53			Y	4
LB-22-COMP1-0-4'	17B0591-09	Cadmium		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Cadmium		U		Y	4
B170735-BLK1	B170735-BLK1	Chromium, Total		U		Y	4
B170735-BS1	B170735-BS1	Chromium, Total	0.51			Y	4
B170735-BSD1	B170735-BSD1	Chromium, Total	0.497			Y	4
LB-21-COMP1-0-4'	17B0591-07	Chromium, Total		U		Y	4
LB-21-COMP1-0-4'MS1	B170735-MS1	Chromium, Total	0.513			Y	4
LB-22-COMP1-0-4'	17B0591-09	Chromium, Total		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Chromium, Total		U		Y	4
B170735-BLK1	B170735-BLK1	Lead		U		Y	4
B170735-BS1	B170735-BS1	Lead	0.521			Y	4
B170735-BSD1	B170735-BSD1	Lead	0.514			Y	4
LB-21-COMP1-0-4'	17B0591-07	Lead		U		Y	4
LB-21-COMP1-0-4'MS1	B170735-MS1	Lead	0.508			Y	4
LB-22-COMP1-0-4'	17B0591-09	Lead		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Lead		U		Y	4
B170741-BLK1	B170741-BLK1	Mercury		U		Y	4
B170741-BS1	B170741-BS1	Mercury	0.00188			Y	4
B170741-BSD1	B170741-BSD1	Mercury	0.00206			Y	4
LB-21-COMP1-0-4'	17B0591-07	Mercury	0.0001			Y	4
LB-21-COMP1-0-4'MS1	B170741-MS1	Mercury	0.00197			Y	4
LB-22-COMP1-0-4'	17B0591-09	Mercury		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Mercury		U		Y	4
B170735-BLK1	B170735-BLK1	Selenium		U		Y	4
B170735-BS1	B170735-BS1	Selenium	0.526			Y	4
B170735-BSD1	B170735-BSD1	Selenium	0.525			Y	4
LB-21-COMP1-0-4'	17B0591-07	Selenium		U		Y	4
LB-21-COMP1-0-4'MS1	B170735-MS1	Selenium	0.478			Y	4
LB-22-COMP1-0-4'	17B0591-09	Selenium		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Selenium		U		Y	4
B170735-BLK1	B170735-BLK1	Silver		U		Y	4
B170735-BS1	B170735-BS1	Silver	0.502			Y	4
B170735-BSD1	B170735-BSD1	Silver	0.496			Y	4
LB-21-COMP1-0-4'	17B0591-07	Silver		U		Y	4
LB-21-COMP1-0-4'MS1	B170735-MS1	Silver	0.438			Y	4
LB-22-COMP1-0-4'	17B0591-09	Silver		U		Y	4
LB-23-COMP1-0-4'	17B0591-10	Silver		U		Y	4
B170925-BLK1	B170925-BLK1	Cyanide		U		Y	4
B170925-BS1	B170925-BS1	Cyanide	58	D		Y	4
B170925-BSD1	B170925-BSD1	Cyanide	62	D		Y	4
LB-16-COMP1-0-2'	17B0591-01	Cyanide	1			Y	4
LB-17-COMP1-1-3'	17B0591-02	Cyanide		U		Y	4
LB-19-COMP1-0-5.4'	17B0591-03	Cyanide		U		Y	4
LB-19-COMP2-5.4-7'	17B0591-06	Cyanide		U		Y	4
LB-20-COMP1-0-4'	17B0591-04	Cyanide	4.4			Y	4
LB-24-COMP1-1-3'	17B0591-05	Cyanide	6.7			Y	4



APPENDIX F
VAPOR EMISSIONS RESPONSE PLAN

Vapor Emission Response Plan

Volatile Organic Compounds (VOCs)

Action levels for VOC concentrations will be based on the NYSDOH Generic Community Air Monitoring Plan. The initial threshold for VOC action is 5 parts per million (ppm). The ambient air concentration of total VOCs at the downwind perimeter of the exclusion zone exceeds 5 ppm above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total VOCs level readily decrease below 5 ppm over background, work activities can resume with continued monitoring.

If total VOC levels at the downwind perimeter of the work area of exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions implemented to abate emissions, and monitoring continued. After this, work activities can resume provided that the total VOC concentration downwind of the exclusion zone is below 5 ppm over background for the 15-minute average. If the VOC level is above 25 ppm at the downwind monitoring location, activities will be shut down.

Particulates

Particulate (PM-10) concentrations will also be compared to Action Levels and responded to, as outlined in the NYSDOH Generic Community Air Monitoring Plan. The initial threshold for particulate/dust action is 100 micrograms per cubic meter (ug/m^3). If the downwind particulate level is 100 ug/m^3 greater than the background (upwind) level for the 15-minute average or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind particulate levels do not exceed 150 ug/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

If dust suppression techniques have been employed and downwind particulate levels are greater than 150 ug/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are

successful in reducing the downwind particulate concentration to within 150 mg/m³ of the upwind level and in preventing visible dust migration.

Dust Suppression

One or more of the following techniques will be implemented should dust suppression be required during the work activities:

- Wetting equipment and excavation faces;
- Spraying water on buckets during excavation and dumping;
- Hauling materials in properly tarped and watertight containers;
- Covering excavated area and material after excavation activity ceases; and,
- Reducing the excavation size and/or number of excavations.

When techniques involving water application are used, care will be taken not to use excess water, which may result in unacceptably wet conditions. Atomizing spray nozzles will be used to prevent overly wet conditions, conserve water, and provide an effective means of suppressing fugitive dust.



APPENDIX G
SITE COVER SYSTEM FIGURE

